1889

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The SUNSET

DIARY

1889

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1889

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
Jan.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
Feb.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	..	..
Mar.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
April	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..
May	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	.
June	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
July	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
Aug.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
Sept.	..	..	..	..	..	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..
Oct.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	.	..
Nov.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
Dec.	..	..	..	..	.	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	.

Astronomical Calculations.

ECLIPSES.

There will be five Eclipses this year, three of the Sun and two of the Moon, as follows:

I. A Total Eclipse of the Sun Jan. 1. Throughout all the States east of Dakota, Nebraska, and Eastern Texas, the Sun will set more or less eclipsed. The total phase will be visible in California from Pt. Arena to Sacramento and Carson City to Fremont's Peak. Duration of total obscuration, two minutes.

II. A Partial Eclipse of the Moon January 16 and 17, visible generally; size, 8.4 digits, the Moon's diameter being 12 digits.

III. An Annular Eclipse of the Sun June 28, invisible in North America.

IV. A Partial Eclipse of the Moon July 12, invisible in the United States.

V. A Total Eclipse of the Sun Dec. 22, invisible in the United States except at the extremity of Cape Hatteras and the peninsular of Florida.

MORNING AND EVENING STARS.

Mercury—Morning, from Feb. 14 to April 25, June 19 to Aug. 7, and Oct. 15 to Dec. 7; Evening, until Feb. 14, and from April 25 to June 19, Aug. 7 to Oct. 15, and after Dec. 7.

Venus—Morning, after April 30; Evening, until April 30.

Mars—Morning, after June 17; Evening, until June 17.

Jupiter—Morning, until Mch. 27; Evening, after Mch. 27.

Saturn—Morning, after August 16; Evening, until August 16.

Uranus—Morning, until Jan. 11, and after Oct. 15; Evening, from Jan. 11 to Oct. 15.

THE SEASONS. (*Washington Mean Time.*)

		D.	H.	M.		D.	H.	M.
Winter begins,	1888, Dec.	21	3	53	mo., and lasts	89	0	49
Spring “	1889, Mch.	20	4	42	“ “	93	1	28
Summer “	1889, June	21	6	10	“ “	93	9	17
Autumn “	1889, Sept.	22	3	27	eve., “	89	18	25
Winter “	1889, Dec.	21	9	52	morn., Year,	365	5	59

CHRONOLOGICAL CYCLES.

Dominical Letter, .	F.	Roman Indiction, .	2
Epact (Moon's age Jan. 1),	28	Julian Period, . .	6602
Lunar Cycle (Golden No.),	9	Dionysian Period, .	218
Solar Cycle, . .	22	Jewish Lunar Cycle, .	6

Herschel Weather Table.

“PROBABILITIES” BASED ON CHANGES OF THE MOON.

CHANGE BETWEEN	IN SUMMER.	IN WINTER.
12 and 2 A. M.,	Fair.	Frosty unless S. W.
2 “ 4 “	Cold, with showers.	Snow, and stormy.
4 “ 6 “	Rain.	Rain.
6 “ 8 “	Wind and rain.	Stormy.
8 “ 10 “	Changeable.	Rain, W.—Snow. E.
10 “ 12 Noon,	Frequent showers.	Cold,—high wind.
12 “ 2 P. M.,	Very rainy.	Snow or rain.
2 “ 4 “	Changeable	Fair and mild.
4 “ 6 “	Fair.	Fair
6 “ 8 “	Fair, if wind N. W.	Fair and frosty, N
8 “ 10 “	Rain, if S. or S. W.	Rain or snow, S. W.
10 “ 12 Midn’t,	Fair.	Fair and Frosty.

OBSERVATIONS.—1. The nearer the Moon’s phases are to midnight, the fairer will be the weather for the next 7 days.

2. The nearer to noon, the more foul or wet weather.

3. Happening during six of the afternoon hours, *i. e.*, from four to ten, may be followed by fair weather, but this is mostly dependent on the wind, as is noted in the table.

Value of Foreign Coins.

U. S. MINT ASSAYS.

G: GOLD. S: SILVER.

	D.	C.	M.
Argentine Republic—			
Peso fuerte, G . .	1	0	0
Austria—Ducat, G .	2	28	3
Belgium—Franc, G & S	0	19	3
Brazil—Milreis, G .	0	54	6
Central America—			
Escudo, G .	1	84	4
Chili—Peso, G	0	91	2
China—Copper cash,	0	0	1
Cuba—Peso, G . .	0	92	5
Denmark—Crown, G	0	26	8
Egypt—Piaster, S .	0	4	0
France—Franc, G & S	0	19	3
German Empire—			
Mark, G	0	23	8
Great Britain—			
Sovereign (pound), G	4	86	6
Crown, S . . .	1	12	5
Florin, S . . .	0	45	0
Shilling, S . . .	0	22	5
Sixpence, S . .	0	11	3
Greece—Drachma, G & S		19	3
Hayti—Dollar, S .	0	95	2
Hindostan—Rupee, S	0	45	7
India—Rupee, S .	0	39	0
Italy—Lira, G & S .	0	19	3
Japan—Yen, G . .	0	88	8
Mexico—Dollar, S .	0	89	4
Doubloon, G . .	15	59	3
Netherl’ds—Ducat, G	2	26	5
Norway—Crown, G	0	26	8
Peru—Sol, S . . .	0	82	3
Porto Rico—Peso, G	0	92	5
Portugal—Crown, G	5	80	7
Russia—Rouble, S .	0	65	8
Spain—Peseta, G & S	0	19	3
Sweden—Crown, G	0	26	8
Switzerl’d—Franc, G & S		19	3
Tripoli—Mahbub, S	0	74	3
Tunis—Piaster, S .	0	11	8
Turkey—Piaster, G	0	4	4
U.S. of Col.—Peso, S	0	82	3

Rates of Postage.

DOMESTIC.—First Class.—Letters and all written matter, sealed or unsealed, and other matter fastened so that it cannot be easily examined, 2 cents per ounce or fraction thereof. Postal Cards furnished by Government, 1 cent. Special 10-cent stamp in addition to lawful postage attached to a letter entitles it to immediate delivery in any place of 4,000 population or over, between 7 o'clock A. M. and midnight.

Drop-Letters.—Delivered by carrier, 2 cents; not delivered by carrier, 1 cent.

Second Class.—Newspapers from office of publication or from news agency, to actual subscribers or to news agents, 1 cent per pound or fraction thereof, prepaid.

Third Class.—Printed matter of general information by any process except handwriting, copying-press, or type-writer, unsealed, including written correction of typographical errors, and manuscript copy accompanying proof-sheets, 1 cent for each 2 ounces or fraction thereof. Limit of weight, four pounds, except for a single book, which may weigh more.

Fourth Class.—Mailable merchandise and matter not included in foregoing classes, unsealed, 1 cent per ounce or fraction thereof. Limit of weight, four pounds.

Unmailable.—Obscene and fraudulent matter, liquids, and anything liable to injure the mails or handlers thereof.

FOREIGN.—Canada.—First-class matter, same rates as domestic postage; unsealed samples of merchandise under 8 ounces, 10 cents. Merchandise excluded.

Europe and all Postal Union Countries.—Letters, 5 cents per fifteen grams (½ oz.); postal cards, 2 cents each; unsealed matter and samples, 1 cent for each two ounces.

REGISTERED MATTER.—First, third, and fourth-class matter, domestic or foreign, may be registered; name and address of sender must be indorsed on envelope or package; fee, 10 cents, in addition to regular postage, for each letter or package.

MONEY ORDERS.—Postal Note.—Issued for any amount less than $5, and payable to bearer when duly receipted; fee, 3 cents.

Money-Order.—Issued for any amount not exceeding $100. Rates: not over $10, 8 cents; $10 to $15, 10 cents; $15 to $30, 15 cents; $30 to $40, 20 cents; $40 to $50, 25 cents; $50 to $60, 30 cents; $60 to $70, 35 cents; $70 to $80, 40 cents; $80 to $100, 45 cents.

Population of the United States.

STATES.

1	New York,	5,082,871
2	Pennsylvania,	4,282,891
3	Illinois,	3,316,208
4	Ohio,	3,198,062
5	Missouri,	2,217,529
6	Indiana,	1,978,301
7	Massachusetts,	1,941,465
8	Michigan,	1,856,100
9	Iowa,	1,753,980
10	Kentucky,	1,648,690
11	Texas,	1,591,749
12	Wisconsin,	1,563,423
13	Tennesee,	1,542,359
14	Georgia,	1,542,180
15	Virginia,	1,512,565
16	North Carolina,	1,399,750
17	New Jersey,	1,278,033
18	Kansas,	1,268,562
19	Alabama,	1,262,505
20	Mississippi,	1,131,597
21	Minnesota,	1,117,798
22	South Carolina,	995,577
23	Louisiana,	939,946
24	Maryland,	934,943
25	California,	864,694
26	Arkansas,	802,525
27	Nebraska,	740,753
28	Maine,	648,936
29	Connecticut,	622,700
30	West Virginia,	618,457
31	New Hampshire,	346,991
32	Florida,	341,722
33	Vermont,	332,286
34	Rhode Island,	276,531
35	Colorado,	194,327
36	Oregon,	174,768
37	Delaware,	146,608
38	Nevada,	62,266
	Total,	51,530,658

TERRITORIES.

1	Dakota,	415,610
2	Washington,	175,000
3	Dist. of Columbia,	161,515
4	Utah,	143,963
5	New Mexico,	119,565
6	Indian Territory,	78,310
7	Arizona,	40,440
8	Montana,	39,159
9	Idaho,	34,641
10	Alaska,	32,189
11	Wyoming,	23,181
	Total,	1,263,573
	Total Pop.,	52,794,231

PRINCIPAL CITIES.

1	NewYork, N. Y.,	1,350,000
2	Philadelphia, Pa.,	847,170
3	Chicago, Ill.,	700,353
4	Brooklyn, N. Y.,	650,000
5	St. Louis, Mo.,	475,000
6	Boston, Mass.,	390,597
7	Baltimore, Md.,	332,190
8	Cincinnati, O.,	300,000
9	S. Francisco, Cal.,	233,956
10	Cleveland, O.,	227,000
11	New Orleans, La.,	216,140
12	Buffalo, N. Y.,	202,818
13	Louisville, Ky.,	161,000
14	Milwaukee, Wis.,	158,500
15	Pittsburg, Pa.,	156,381
16	Detroit, Mich.,	155,000
17	Jersey City, N. J.,	153,513
18	Newark, N. J.,	152,988
19	Wash'gton, D.C.,	147,307
20	Minneapolis, Mn.,	129,210
21	Providence, R. I.,	118,070
22	St. Paul, Minn.,	111,397
23	Kansas City, Mo.,	105,042
24	Rochester, N. Y.,	100,003
25	Albany, N. Y.,	90,903
26	Indianapolis, Ind.,	90,054
27	Allegheny, Pa.,	78,681
28	Columbus, O.,	69,074
29	Worcester, Mass.,	68,383
30	Syracuse, N. Y.,	65,854
31	Nashville, Tenn.,	65,000
32	Lowell, Mass.,	64,051
33	Richmond, Va.,	63,600
34	Paterson, N. J.,	63,280

Weights and Measures.

Measures of Weight.—AVOIRDUPOIS: 16 drams equal 1 ounce; 16 ounces 1 pound; 112 pounds 1 hundred-weight; 20 hundred-weight 1 ton. TROY: 24 grains equal 1 penny-weight; 20 penny-weights 1 ounce; 12 ounces 1 pound. APOTHECARIES: 20 grains equal 1 scruple; 3 scruples 1 dram; 8 drams 1 ounce; 12 ounces 1 pound

Surface or Square Measure.—144 square inches equal 1 square foot; 9 square feet 1 square yard; 30¼ square yards 1 square rod or pole; 40 square rods 1 square rood; 4 square roods 1 square acre (43,560 ft.); 640 square acres 1 square mile.

Measures of Length.—16½ feet equal one rod or pole; 40 rods 1 furlong; 8 furlongs (5,280 ft.) 1 mile; 60 geographical miles 1 degree. ROPES AND CABLES: 6 feet equal 1 fathom; 120 fathoms 1 cables-length

Solid or Cubic Measure.—1,728 cubic inches equal 1 cubic foot; 27 cubic feet 1 cubic yard; 40 cubic feet of round timber 1 ton; 50 cubic feet of hewn timber 1 ton; 16 cubic feet of wood 1 cord foot of wood; 8 feet (or 128 cubic feet) 1 cord; 1 perch of stone equal to 24.75 cubic feet.

Dry Measure.—8 quarts equal 1 peck; 4 pecks 1 bushel; 8 bushels 1 quarter; 36 bushels 1 chaldron.

Liquid Measure.—60 drops equal a teaspoonful; 4 teaspoonfuls 1 tablespoonful; 1 tablespoonful one-sixth gill; 4 gills one pint; 2 pints 1 quart; 4 quarts 1 gallon; 2 gallons 1 peck; 9 gallons 1 firkin; 36 gallons 1 barrel; 54 gallons 1 hogshead (ale measure).

Measures of Capacity.—DRY: 2150.42 cubic inches equal 1 United States (or Winchester) bushel, the dimensions of which are 18½ in. diameter inside, 19½ in. outside, and 8 in. deep; 2747.70 cubic inches 1 heaped bushel, the cone of which must be not less than 6 inches high. LIQUIDS: 231 cubic inches equal 1 United States standard gallon; 282 cubic inches 1 ale gallon; 31½ U. S. gallons 1 barrel; 42 gallons 1 tierce; 63 gallons 1 hogshead; 84 gallons a puncheon; 126 gallons 1 pipe; 252 gallons 1 tun.

Comparative Weights and Measures.—1 GALLON, U. S. standard, contains: distilled water 8.3389 avoirdupois pounds, ale 10.05, sperm oil 7.25, linseed oil 7.75. proof spirits 7.9375, spirits of turpentine 7.3125; 1 CUBIC FOOT contains: bricks 124 pounds, clay 230, sand or loose earth 95, common soil 124, cork 15, marble 171, granite 165, cast-iron 450.55, wrought-iron 486.65, copper 555, lead 708.75, brass 534.75, tin 436, white pine 29.56, elm 34.9. English oak 60.04, sea water 64.03, fresh water 62.05, air .07529, steam .03689.

The Metric System.

Myria means 10,000, Kilo 1,000, Hekt 100, Deka 10, Deci .1, Cent .01, Mill .001. The Meter is the unit.

MEASURES OF LENGTH.

The Meter is 1 ten-millionth part of the distance from the equator to the pole. It is equivalent to 3 ft. 3⅜ inches.

Metric Denominations and Values.		Equivalents in Denominations in use.
Myriameter	=10,000 meters	=6.2137 miles.
Kilometer	= 1,000 meters	=0.62137 m., or 3,280 ft. 10 in.
Hektometer	= 100 meters	=328 feet and 1 inch.
Dekameter	= 10 meters	=393.7 inches.
Meter	= 1 meter	= 39.37 inches.
Decimeter	= .1 of a meter	= 3.937 inches.
Centimeter	= .01 of a meter	= 0.3937 inch.
Millimeter	=.001 of a meter	= 0.0394 inch.

MEASURES OF SURFACE.

The Arc is equal to a square whose side is 10 meters, and is 100 square meters.

Hectare = 10,000 square meters = 2,471 acres.
Are = 1,000 square meters = 119.6 square yards.
Centare = 1 square meter = 1,550 square inches.

MEASURES OF CAPACITY.

The liter is the capacity of a cube whose edge is a decimeter.

Names.	No. Liters.	Cubic Measure.	Dry Measure.	Wine Measure.
Kiloliter	=1,000	=1 meter	=1,308 cu. yds.	=264.17 galls.
Hectoliter	= 100	=.1 meter	=2 bu. 3.35 pks.	=26.417 galls.
Decoliter	= 10	=10 decim.	=9.08 quarts	=2.6417 galls.
Liter	= 1	= 1 decim.	=0.908 quart.	=1,0567 qts.
Deciliter	= .1	= .1 decim.	=6.1022 cu. in.	=0.845 gill.
Centiliter	= .01	=10 centim.	=0.6102 cu. in.	=0.338 fl'd oz.
Milliliter	= .001	= 1 centim.	=0.061 cubic in.	=0.27 fl'd dr.

WEIGHTS.

The gram is the weight of a cubic centimeter of water.

Names.	No. Grams.	Weight of what Quantity of Water at maximum density.	Avoirdupois Weight.
Millier or tonneau	=1,000,000	= 1 cubic meter	=2204.6 lbs.
Quintal	= 100,000	= 1 hectoliter	=230.46 lbs.
Myriagram	= 10,000	=10 liters	=22.046 lbs.
Kilogram or kilo	= 1,000	= 1 liter	=2.2046 lbs.
Hectogram	= 100	= 1 deciliter	=3.5274 oz.
Dekagram	= 10	=10 cubic centim.	=0.3527 oz.
Gram	= 1	= 1 cubic centim.	=15.432 grs.
Decigram	= .1	= .1 cubic centim.	=1.5432 grs.
Centigram	= 01	=10 cubic millim.	=0.1543 gr.
Milligram	= .001	= 1 cubic millim.	=0.0154 gr.

Business Information.

NOTES.

Demand Notes are payable on presentation, without grace, and bear legal interest after a demand has been made, if not so written. An endorser on a demand note is holden only for a limited time, variable in different States.

A Negotiable Note must be made payable either to bearer or order; if to order, must be properly endorsed by the person to whose order it is made. If the endorser wishes to avoid responsibility he can endorse "without recourse."

A Joint and Several Note is one signed by two or more persons, who each become liable for the whole amount.

Three days' grace are allowed on all time notes, after the time for payment expires; if not then paid, the endorser, if any, should be legally notified, to be holden.

"For value received" is usually inserted in a note, and should be, but is not absolutely necessary, as it is presumed by the law or supplied by proof.

Notes falling due Sunday, or on a legal holiday, must be paid the day previous. Notes dated Sunday are void.

Altering a note in any manner, by the holder, makes it void.

BILLS OF EXCHANGE.

A Bill of Exchange or Draft is an order drawn by one person or firm upon another, payable either at sight or at a stated future time.

It becomes an "Acceptance" when the party upon whom it is drawn writes across the face "Accepted," and signs his name thereto; and is negotiable and bankable the same as a note, and is subject to the same laws.

In many States both Sight and Time Drafts are entitled to three days' grace, the same as notes; but if made in form of a bank check, "pay to," without the words "at sight," it is payable on presentation, without grace.

EQUATION OF PAYMENTS.

Multiply each debt by the time in which it is payable, and divide the sum of the products by the sum of the debts.

ONE DOLLAR LOANED 100 YEARS

at compound interest, would amount to the following sums:

1 per cent.,	$2.75	12 per cent.,	$84,675.00
3 "	19.25	16 "	1,174,405.00
6 "	340.00	18 "	15,145,207.00
10 "	13,809.00	24 "	2,551.799,404.00

Interest Calculations.

Rule.—Multiply the principal by as many one-hundredths as there are days, and then divide as follows:

Per cent.,	4	5	6	7	8	9	10	12
Divide by	90	72	60	52	45	40	36	30

Examples.—Interest on $100 for 90 days at 5 per cent.: 100 x .90=9.00, divided by 72=1.25 (1 dollar and 25 cents); on $1 for 30 days at 6 per cent.: 1 x .30=.300, divided by 60=.005 (5 mills).

Table.—Showing the number of days from any date in one month to the same date in any other month.

FROM \ TO	Jan.	Feb.	Mch.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
January	365	31	59	90	120	151	181	212	243	273	304	334
February	334	365	28	59	89	120	150	181	212	242	273	303
March	306	337	365	31	61	92	122	153	184	214	245	275
April	275	306	334	365	30	61	91	122	153	183	214	244
May	245	276	304	335	365	31	61	92	123	153	184	214
June	214	245	274	304	334	365	30	61	92	122	153	183
July	184	215	243	273	304	335	365	31	62	92	123	153
August	153	184	212	243	273	304	334	365	31	61	92	122
September	122	153	181	212	242	273	303	334	365	30	61	91
October	92	123	151	182	212	243	273	304	335	365	31	61
November	61	92	120	151	181	212	242	273	304	334	365	30
December	31	62	90	121	151	182	212	243	274	304	335	365

Example. — How many days from May 5 to October 5? Look for May at the left hand and October at the top; in the angle is 153. In leap-year add one day if Feb. is included.

Income on Investments.—Par value $100.

COST.	5 per ct.	6 per ct.	7 per ct.	8 per ct.	10 per ct.
$50.00	$10.00	$12.00	$14.00	$16.00	$20.00
60.00	8.33	10.00	11.66	13.33	16.66
70.00	7.14	8.57	10.00	11.42	14.28
75.00	6.66	8.00	9.33	10.66	13.35
80.00	6.25	7.50	8.75	10.00	12.50
85.00	5.88	7.05	8.23	9.41	11.76
90.00	5.55	6.66	7.77	8.88	11.11
95.00	5.26	6.31	7.36	8.42	10.52
100.00	5.00	6.00	7.00	8.00	10.00
105.00	4.76	5.71	6.66	7.61	9.52
110.00	4.54	5.45	6.36	7.27	9.09
115.00	4.34	5.21	6.08	6.95	8.69
120.00	4.16	5.00	5.83	6.66	8.33

VALUABLE INFORMATION

In case of Injury where a Physician can not be secured.

Extracts from Instructions "For First Aid to Injured."

A Shock.—If faint and cold, give stimulant in small doses, once in fifteen or twenty minutes, and secure warmth by external applications or rubbing.

Bleeding from Wound.—If from an artery, stop the current of blood to the wound by putting a compress or cloth pad over the artery. Fasten it firmly by a handkerchief or bandage, which may be tightened by twisting in a stick as a binder. The location of the artery can generally be determined by the throbbing sensation. If from a vein, apply pressure directly over the wound or by exposure or application of cold water. Perchloride of iron may be applied with cloth or lint. Keep the part elevated.

Wounds.—The part should be properly cleansed of all foreign matter, the edges brought together and fastened with strips of plaster; apply some anodyne solution; give stimulant, laudanum with brandy, if necessary.

Bruises.—Apply tincture of arnica and wormwood or hamamelis; keep well covered and warm.

Poisoned Wounds from bite of animals.—Treatment should be prompt. If possible, suck the wound thoroughly two or three minutes; cauterize with either nitric acid, chloride of zinc or nitrate of silver; use whisky freely internally.

Stings of Insects.—Apply spirits of ammonia.

Poisons—*General Directions.*—Give an emetic as soon as possible; tablespoonful of powdered mustard in a tumbler of warm water, or twenty grains of ipecac. After vomiting, give freely of warm drinks.

Special Directions in case of poisoning from Arsenic, Corrosive Sublimate, Verdigris, Blue Vitriol, and from Vegetables kept in copper vessels.—Give emetic and white of egg, sweet oil and milk.

Sugar of Lead.—Give emetic and epsom salts.

Hemlock, Aconite, Belladonna, and Fox Glove.—Give emetic, then tannin and stimulants.

Opium, Laudanum, and Morphine.—Give an emetic, follow with strong coffee, or white of an egg. Keep patient walking two or three hours, and extremities warm.

Nux Vomica and Strychnine.—Give emetic.

Mushrooms and Poisonous Fish.—Give emetic; afterwards from three to five grains of carb. ammonia every hour.

Drowning.—Freely expose the face, neck, and chest in the breeze, except in very severe weather Turn the patient on the face, and elevate the body so that the water in the lungs may flow out at the nose and mouth. First, turn the patient slightly on his side, apply snuff or ammonia to the nostrils, dash cold water in the face, rubbing the body briskly until it is warm. To imitate respiration, turn the patient on his face, then turn the body gently but completely on the side and a little beyond, repeating these measures deliberately, efficiently, and perseveringly fifteen times a minute in all. This number of thoracic movements per minute acts with the natural order of respiratory thoracic dilations and contractions, corresponds with the slow movement of the heart, averaging something less than sixty pulsations per minute. When the prone position is resumed, make equable but efficient pressure along the spine; remove it immediately before rotation on the side. (The first measure augments expiration; the second commences inspiration.) To induce circulation and warmth, continue these measures, rubbing the limbs upwards with a firm pressure and with energy, using handkerchiefs, etc. Replace the patient's wet clothing by such other as can be soonest procured. To incite inspiration, let the surface of the body be briskly slapped with the hand, or let cold water be dashed briskly on the surface, previously rubbed dry and warm.

Frozen Limbs.—Rub with snow or place in cold water until sensation returns. Warm very gradually.

Burns or Scalds.—Do not puncture the skin in case it is blistered, but cover with a piece of linen or muslin slightly coated with simple cerate or moistened with hamamelis. If the skin is broken and comes off, cover with cotton or some other light covering to keep the air out. Dress with beeswax and sweet oil, equal parts, or lime water and linseed oil, or scraped potatoes, or carrots, or sprinkle with flour. Warm applications are preferable to cold. Keep the air from the wound as much as possible.

Suffocation from breathing noxious vapors from Wells, Coal Gas, or Charcoal Fumes.—Remove to fresh air, sprinkle cold water on face and head, rub strong vinegar about nostrils, give drink of vinegar and water; to excite breathing, apply rules given in case of drowning. Unless a candle will burn with a clear flame in a well, near the water, it is unsafe for persons to go down. Air may be purified by showering water into the well.

To remove Stains or Grease from Oil Paint.—Use bisulphide of carbon, spirits of turpentine, or if dry and old, use chloroform. These and tar spots can be softened with olive oil and lard.

Stains, Iron Rust or Ink from Vellum or Parchment.—Moisten the spot with a solution of oxalic acid. Absorb same quickly by blotting-paper or cloth.

Rust from Steel.—Take half ounce of emery powder mixed with one ounce of soap and rub well.

Fruit Spots from Cottons.—Apply cold soap, then touch the spot with a hair pencil or feather dipped in chlorate of soda, then dip immediately in cold water.

Grease from Silks.—Take a lump of magnesia, rub it wet on the spot, let it dry, then brush the powder off.

Iron Rust may be removed from white goods by sour milk.

Scorch Stains from White Linen.—Lay in bright sun.

Mildew.—Moisten the spot with clean water; rub on it a thick coating of Castile soap mixed with chalk scrapings; rub with end of finger, then wash off.

Oil Marks on Wall Paper.—Apply paste of cold water and pipe clay, leave it on all night, brush off in the morning.

Paint Spots from Clothing.—Saturate with equal parts turpentine and spirits of ammonia.

For Cleaning Various Substances. — Alabaster, use strong soap and water.

Black Silk.—Brush and wipe it thoroughly, lay on table with the side intended to show, up; sponge with hot coffee strained through muslin; when partially dry, iron.

To Cleanse House Paper.—Rub with a flannel cloth dipped in oatmeal.

Black Cloth.—Mix one part of spirits of ammonia with three parts warm water, rub with sponge or dark cloth clean with water; rub with the nap.

Furniture, for Finger Marks.—Rub with a soft rag and sweet oil.

Chromos.—Go over lightly with a damp linen cloth.

Zinc.—Rub with a piece of cotton cloth dipped in kerosene, afterwards with a dry cloth.

Hands from Vegetable Stains.—Rub with a slice of raw potato.

Window Glass.—Paint can be removed by a strong solution of soda.

To Clean Tin Ware.—Common soda applied with a moistened newspaper and polished with a dry piece, will make it look like new.

USEFUL

Information for Business Men.

RULES FOR CALCULATING SPEED OF PULLEYS.

I.—The diameter of the driver and driven being given, to find the number of revolutions of the driven:

Rule.—Multiply the diameter of the driver by its number of revolutions, and divide the product by the diameter of the driven; the quotient will be the number of revolutions.

II.—The diameter and the revolutions of the driver being given to find the diameter of the driven, that shall make any given number of revolutions in the same time:

Rule.—Multiply the diameter of the driver by its number of revolutions, and divide the product by the number of revolutions of the driven; the quotient will be its diameter.

III.—To ascertain the size of the driver:

Rule.—Multiply the diameter of the driven by the number of revolutions you wish to make, and divide the product by the revolutions of the driver; the quotient will be the size of the driver.

BELTS.

Leather belts must be well protected against water, and even moisture.

India-rubber is the proper substance for belts exposed to the weather, as it does not absorb moisture, and stretch and decay.

It is desirable to run the grain (hair) side of leather belts on the pulley, in order that the strongest part of the belt may be subject to the least wear.

Leather belts run with grain side to the pulley will drive 30 per cent. more than if run with flesh side. The belt, as well as the pulley, adheres best when smooth, and the grain side adheres best because it is smoothest.

The transmitting power of a double belt is to that of single belt as 10 is to 7. In ordering pulleys, the kind of belt to be used should always be specified.

Belts should be kept soft and pliable. For this purpose blood-warm tallow, dried in by heat of fire or the sun, is advised. Castor-Oil Dressing is also good.

The motion of driving should run *with* and not *against* the laps of the belts.

If too great a distance is attempted, the weight of the belt will produce a very heavy sag, drawing so hard on the shaft as to produce great friction in the bearings, while at the same time the belt will have an unsteady, flapping motion, which will destroy both the belt and machinery.

If possible to avoid it, connected shafts should never be placed one directly over the other, as in such case the belt must be kept very tight to do the work. For this purpose belts should be carefully selected of *well-stretched* leather.

It is desirable that the angle of the belt with the floor should not exceed 45°. It is also desirable to locate the shafting and machinery so that belts should run off from each shaft in opposite directions, as this arrangement will relieve the bearings from the friction that would result when the belts all pull one way on the shaft.

The diameter of the pulleys should be as large as can be admitted.

The pulley should be a little wider than the belt required for the work.

Having properly arranged the machinery for the reception of the belts, the next thing to be determined is the length and width of the belts.

When it is not convenient to measure with the tape-line the length required, apply the following rule:—Add the diameter of the two pulleys together, divide the result by 2, and multiply the quotient by 3¼, then add this product to twice the distance between the centers of the shafts, and you have the length required.

The width of belt needed depends on three conditions:—1. The tension of the belt. 2. The size of the smaller pulley, and the proportion of the surface touched by the belt. 3. The speed of the belt.

The working adhesion of a belt to the pulley will be in proportion both to the number of square inches of belt contact with the surface of the pulley and also to the arc of the circumference of the pulley touched by the belt. This adhesion forms the basis of all right calculation in ascertaining the width of belt necessary to transmit a given horsepower.

STRENGTH OF BELT LEATHER.

The tensile strength of good ox-hide, well tanned, has been carefully examined, with the following results:—

The solid leather will sustain,	per inches of width,	675 lbs.
At the rivet-holes of the splices,	" "	382 "
At the lacing,	" "	210 "
Safe working tension,	" "	55 "

The belts are assumed to be three-sixteenths of an inch thick.

PAINTER, GLAZIER, AND PAPER-HANGER.

One pound of paint will cover about four superficial yards the first coat, and about six yards each additional coat.

About one pound of putty for stopping, will be required for every twenty yards.

One gallon of tar and one pound of pitch will cover about twelve yards superficial the first coat, and about seventeen yards each additional coat.

MASON, Etc.

Ashlar masonry requires about ⅛ of its volume of mortar.

Rubble masonry requires for each cubic yard 1 5-8 cubic yards of stone, and ¼ yard of mortar.

BRICK

Ordinary sizes . . .	=	7¾ x 3⅝ x 2¼ inches. 8 x 4⅛ x 2½ "
Milwaukee	=	8½ x 4⅛ x 2⅜ "
Stourbridge Fire-Brick	=	9⅛ x 4⅝ x 2⅜ "
American (N. Y.) .	=	8⅞ x 4½ x 2⅝ "

Stone walls are measured by the perch (24¾ cubic feet). Openings less than three feet wide are counted solid; over three feet deducted, but eighteen inches are added to the running measure for each jamb built. Arches are counted solid from their spring. Corners of buildings are measured twice. Pillars less than three feet are counted on three sides as lineal, multiplied by fourth side and depth.

It is customary to measure all foundation and dimension stone by the cubic foot. Water tables and base courses by lineal feet. All sills and lintels or ashlar, by superficial feet, and no wall less than eighteen inches thick.

Brick-work is generally measured by 1,000 bricks laid in the wall. In consequence of variations in size of bricks, no rule for volume of laid brick can be exact. The following scale is, however, a fair average.

7	Common	Bricks	to a	superficial	foot	4″	Wall.
14	“	“	“	“	“	9″	“
21	“	“	“	“	“	13″	“
28	“	“	“	“	“	18″	“
35	“	“	“	“	“	22″	“

Corners are not measured twice as in stonework. Openings over two feet square are deducted. Arches are counted from the spring. Fancy work counted one and one-half bricks for one. Pillars are measured on their face only.

SLATING.

A square of slate or slating is 100 superficial feet.

In measuring, the width of the eaves is allowed at the widest part. Hips, valleys, and cutting are to be measured lineal, and six inches width extra is allowed.

The *pitch* of a slate roof should not be less than one inch height to four inches in length.

COAL AND COKE.

AVERAGE WEIGHT PER BUSHEL.

1	Bushel	Anthracite,	= 86 lbs.
1	“	Bituminous,	= 80 “
1	“	Coke (Connellsville),	= 40 “
1	“	Charcoal (hard wood),	= 30 “

100 bushels of coal will make 120 bushels of coke.
80 lbs. “ “ 48 lbs. “

A ton of coal, loose, occupies 40 to 43 cubic feet. Bituminous coal, broken, cubic feet, averages 49 pounds A ton, loose, occupies 43 to 48 cubic feet.

The time in which the earth, departing from one fixed star, returns again to the same star, is called the *sidereal* year, and is 365 days, 6 hours, 9 minutes, and 9 6-10 seconds. The *solar* or *tropical* year consists of 365 days, 5 hours, 48 minutes, 49 7-10 seconds, and is the time in which the sun, departing from some point in the ecliptic, returns to the same point again.

HIGH WATER, ASTORIA.

(STANDARD TIME.)

DAY OF MO.	JAN.	FEB.	MAR.	APRIL.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	*m.* 47	2 1	0 54	1 31	1 22	1 42	1 52	3 6	4 41	5 46	8 5	8 14
2	1 35	2 40	1 32	2 2	1 51	2 12	2 32	3 56	5 50	7 10	9 5	9 5
3	2 22	3 16	2 7	2 32	2 17	2 49	3 18	4 55	7 15	8 32	9 55	10 1
4	3 7	3 52	2 38	3 1	2 46	3 34	4 10	6 4	8 46	9 39	10 39	10 44
5	3 50	4 28	3 10	3 33	3 20	4 29	5 13	7 26	10 3	10 31	11 22	11 23
6	4 31	5 7	3 44	4 5	4 2	5 39	6 27	8 56	11 0	11 15	11 59	*eve.* 1
7	5 13	5 51	4 24	4 47	4 59	6 57	7 48	10 15	11 47	11 56	*eve.* 34	0 33
8	5 59	6 45	5 1	5 42	6 10	8 16	9 10	11 18	*eve.* 29	*eve.* 34	1 5	1 5
9	6 46	7 40	5 47	6 56	7 33	9 31	10 24	*eve.* 10	1 6	1 9	1 37	1 34
10	7 37	8 36	6 41	8 12	8 52	10 37	11 28	0 56	1 44	1 42	2 7	2 6
11	8 35	9 29	7 46	9 22	9 57	11 37	*eve.* 23	1 37	2 18	2 15	2 38	2 42
12	9 24	10 23	8 51	10 23	10 54	*eve.* 31	1 13	2 16	2 52	2 48	3 12	3 22
13	10 9	11 3	9 51	11 15	11 48	1 23	1 59	2 54	3 31	3 19	3 51	4 11
14	10 49	11 46	10 43	*eve.* 3	*eve.* 38	2 13	2 44	3 30	4 7	3 55	4 43	5 13
15	11 25	*eve.* 26	11 30	0 48	1 29	3 2	3 27	4 7	4 46	4 35	5 51	6 27
16	*eve.* 1	1 7	*eve.* 16	1 34	2 18	3 51	4 7	4 45	5 31	5 29	7 8	7 46
17	0 36	1 48	0 58	2 21	3 10	4 37	4 47	5 31	6 27	6 39	8 25	9 3
18	1 14	2 32	1 41	3 11	4 4	5 26	5 32	6 24	7 31	7 55	9 35	10 11
19	1 55	3 20	2 26	4 6	5 0	6 15	6 16	7 19	8 41	9 6	10 32	11 14
20	2 39	4 13	3 14	5 8	6 0	7 8	7 10	8 19	9 41	10 7	11 28	*morn*
21	3 27	5 14	4 6	6 20	7 1	8 0	8 9	9 18	10 32	10 58	*morn*	0 10
22	4 23	6 30	5 9	7 41	7 58	8 57	9 2	10 10	11 19	11 45	0 19	1 2
23	5 27	8 0	6 26	8 45	8 52	9 46	9 53	10 56	*morn*	*morn*	1 9	1 52
24	6 43	9 29	7 53	9 41	9 40	10 29	10 38	11 36	0 2	0 31	1 59	2 40
25	8 10	10 37	9 13	10 28	10 29	11 8	11 17	*morn*	0 43	1 16	2 48	3 27
26	9 35	11 30	10 16	11 10	11 10	11 44	11 54	0 16	1 24	2 1	3 38	4 12
27	10 46	*morn*	11 3	11 48	11 45	*morn*	*morn*	0 54	2 6	2 49	4 32	4 57
28	11 46	0 14	11 44	*morn*	*morn*	0 16	0 29	1 32	2 51	3 40	5 27	5 45
29	*morn*	....	*morn*	0 23	0 16	0 46	1 4	2 13	3 41	4 37	6 22	6 35
30	0 36	....	0 23	0 51	0 45	1 18	1 41	2 57	4 38	5 44	7 20	7 26
31	1 20	....	0 58	....	1 13	....	2 22	3 46	....	6 55	....	8 26

HIGH WATER, PORT TOWNSEND.

(STANDARD TIME.)

DAY OF MO.	JAN.	FEB.	MAR.	APRIL.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	5 11	5 59	4 36	4 26	4 6	3 46	3 58	6 18	8 37	10 5	11 40	11 24
2	5 57	6 23	5 0	5 3	4 27	4 8	4 48	7 31	10 5	11 31	*eve.*23	11 57
3	6 37	6 50	5 26	5 32	4 46	4 37	5 54	8 44	11 53	*eve.*37	0 59	*eve.*31
4	7 11	7 19	5 52	5 53	5 1	5 32	7 21	10 8	*e.*1 21	1 25	1 30	1 14
5	7 41	7 49	6 18	6 16	5 17	6 58	8 50	11 59	2 17	2 1	2 5	1 51
6	8 13	8 15	6 42	6 34	5 48	8 50	10 21	*e.*1 39	3 1	2 33	2 47	2 18
7	8 47	8 40	7 16	6 57	6 48	10 39	*eve.* 7	2 47	3 37	3 3	3 19	2 52
8	9 19	9 19	7 50	7 43	8 42	*eve.* 9	1 40	3 39	4 6	3 31	3 46	3 16
9	9 51	10 5	8 26	8 59	10 48	1 31	2 54	4 27	4 33	4 9	4 8	3 38
10	10 19	10 53	9 6	10 40	*eve.*19	2 42	3 54	4 59	4 59	4 44	4 30	4 1
11	10 53	11 38	9 55	*eve.*12	1 26	3 46	4 47	5 31	5 26	5 9	4 47	4 27
12	11 39	*eve.*22	11 5	1 30	2 24	4 42	5 30	5 57	5 54	5 33	5 7	5 19
13	*eve.*21	1 12	*eve.*18	2 29	3 24	5 37	6 12	6 24	6 27	5 55	5 42	6 41
14	0 55	2 04	1 23	3 15	4 21	6 28	6 47	6 53	6 58	6 17	6 48	8 20
15	1 28	2 58	2 25	4 6	5 18	7 13	7 15	7 22	7 32	6 47	8 18	10 9
16	2 03	3 52	3 16	5 1	6 16	7 54	7 47	7 50	8 6	7 36	10 26	11 50
17	2 45	4 47	4 11	5 59	7 13	8 32	8 20	8 18	8 44	8 52	*morn*	*morn*
18	3 32	5 47	4 57	7 1	8 10	9 10	8 53	8 59	9 41	10 46	0 3	1 15
19	4 25	6 52	5 45	8 2	9 4	9 49	9 25	9 45	10 59	*morn*	1 15	2 28
20	5 27	8 6	6 48	9 16	9 54	10 24	9 56	10 37	*morn*	0 11	2 15	3 33
21	6 38	9 28	7 56	10 28	10 38	10 57	10 32	11 27	0 15	1 20	3 13	4 31
22	7 58	11 9	9 13	11 28	11 20	11 27	11 18	*morn*	1 21	2 21	4 9	5 21
23	9 08	*morn*	10 47	*morn*	11 56	*morn*	*morn*	0 18	2 18	3 9	5 3	6 9
24	10 51	0 41	*morn*	0 14	*morn*	0 5	0 5	1 12	3 10	3 53	5 59	6 51
25	*morn*	1 55	0 15	0 55	0 28	0 49	0 45	2 1	3 54	4 47	6 54	7 30
26	0 45	2 48	1 16	1 30	1 0	1 25	1 21	2 51	4 38	5 43	7 50	8 4
27	2 11	3 31	2 0	2 1	1 42	1 55	1 58	3 42	5 29	6 41	8 38	8 42
28	3 14	4 5	2 35	2 30	2 17	2 21	2 39	4 35	6 29	7 45	9 23	9 17
29	4 5	....	3 4	3 11	2 43	2 48	3 25	5 33	7 32	8 48	10 8	9 53
30	4 48	....	3 32	3 43	3 8	3 18	4 16	6 28	8 43	9 54	10 48	10 26
31	5 27	....	3 58	....	3 28	....	5 12	7 21	....	10 52	....	10 57

Distances from San Francisco.

	Miles.		Miles.
Baltimore,	3,222	Milwaukee,	2,347
Boston,	3,387	New Orleans,	2,449
Big Trees,	168	New York,	3,302
Carson,	324	Ogden,	835
Charleston,	3,254	Omaha,	1,867
Chicago,	2,359	Oregon City,	683
Cheyenne,	1,351	Philadelphia,	3,242
Cincinnati,	2,558	Pittsburgh,	2,888
Colorado Springs,	1,530	Portland,	782
Columbus,	2,547	Prescott,	933
Deming,	1,198	Rawlins,	1,206
Denver,	1,457	Reno,	294
Duluth,	2,671	Sacramento,	139
Geysers,	95	Salt Lake City,	870
Grand Island,	1,713	Santa Fe,	1,515
Hot Springs,	1,406	Santa Cruz,	80
Hanging Rock,	932	St Louis,	2,340
Indianapolis,	2,530	St. Paul,	2,694
Junction,	17	Sidney,	1,453
Kansas City,	2,096	Stockton,	91
Laramie,	1,294	Tucson,	978
Los Angeles,	482	Washington,	3,263
Merced,	138	Yosemite Valley,	199

New Standard of Railroad Time.

With the enormous increase of railway traveling the necessity arose for inventing some method of counting time which should avoid the complications arising from the use of local mean time, which varies with every mile of east or west travel.

This was brought about in 1884, and the railroads of the United States, of the Dominion of Canada, and many cities and towns in these countries now use the standard time:

Name.	Central Meridian.	Nearest Places.
Pacific,	120° = 8^{h} west from Greenwich.	1½° east of Sacramento.
Mountain,	105° = 7^{h} west from Greenwich.	Denver, Colorado.
Central,	90° = 6^{h} west from Greenwich.	St. Louis and New Orleans.
Eastern,	75° = 5^{h} west from Greenwich.	Between New York and Philadelphia.
Intercolonial,	60° = 4^{h} west from Greenwich.	About 3½° east of Halifax.

The *standard meridians* are 15 degrees of longitude or just one hour in time apart.

JANUARY, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

NEW MOON.	FIRST QUAR.	FULL MOON.	LAST QUAR.
	D. H. M.	D. H. M.	D. H. M.
1 1 8 E.			
31 1 10 M.	8 4 40 E.	16 9 37 E.	24 7 57 M.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES	SUN SETS.	MOON R. & S.	HIGH TIDE. S. FRAN.	HIGH TIDE. S. DIEGO
			H. M.	H. M.	H. M.	H. M.	H. M.
1	1	Tue.	7 26	5 2	*set,ev.*	10 31	8 29
2	2	Wed.	7 26	5 3	6 17	11 19	9 7
3	3	Thu	7 26	5 4	7 23	*eve.* 9	9 46
4	4	Fri.	7 26	5 5	8 32	1 2	10 28
5	5	Sat.	7 26	5 6	9 42	1 56	11 13
6	6	SUN.	7 26	5 7	10 41	2 56	*eve.* 1
7	7	Mon.	7 25	5 8	11 43	4 6	0 58
8	8	Tue.	7 25	5 9	*morn*	5 18	2 18
9	9	Wed	7 25	5 10	0 38	6 39	3 54
10	10	Thu.	7 25	5 11	1 25	8 2	5 30
11	11	Fri.	7 25	5 12	2 24	9 17	6 44
12	12	Sat.	7 25	5 13	3 31	10 21	7 43
13	13	SUN.	7 24	5 14	4 23	11 15	8 29
14	14	Mon.	7 24	5 15	5 16	11 59	9 6
15	15	Tue.	7 24	5 16	6 10	*morn*	9 37
16	16	Wed.	7 23	5 17	*ris.,e.*	0 38	10 6
17	17	Thu.	7 23	5 18	5 56	1 13	10 33
18	18	Fri.	7 23	5 19	6 55	1 41	10 58
19	19	Sat.	7 22	5 20	7 58	2 3	11 26
20	20	SUN.	7 22	5 21	9 2	2 29	*morn*
21	21	Mon.	7 21	5 23	10 5	3 1	0 3
22	22	Tue.	7 21	5 24	11 10	3 39	0 48
23	23	Wed.	7 20	5 25	*morn*	4 20	1 39
24	24	Thu.	7 19	5 26	0 15	5 2	2 36
25	25	Fri.	7 19	5 27	1 20	5 50	3 45
26	26	Sat.	7 18	5 28	2 33	6 41	4 50
27	27	SUN.	7 17	5 29	3 41	7 39	5 49
28	28	Mon.	7 17	5 30	4 49	8 36	6 41
29	29	Tue	7 16	5 31	5 51	9 30	7 30
30	30	Wed.	7 15	5 32	6 47	10 22	8 15
31	31	Thu.	7 14	5 33	*eve.*	11 13	8 57

→⁜ FEBRUARY, 1889. ⁜←

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

FIRST QUAR. D. H. M.	FULL MOON. D. H. M.	LAST QUAR. D. H. M.
7 0 58 E.	15 2 18 E.	22 3 55 E.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES H. M.	SUN SETS. H. M.	MOON R. & S. H. M.	HIGH TIDE. S. FRAN. H. M.	S. DIEGO H. M.
32	1	Fri.	7 14	5 34	7 17	*eve.* 4	9 38
33	2	Sat.	7 13	5 36	8 18	0 55	10 18
34	3	SUN.	7 11	5 37	9 21	1 48	10 59
35	4	Mon.	7 10	5 38	10 20	2 45	11 40
36	5	Tue.	7 9	5 39	11 18	3 43	*ev.* 28
37	6	Wed	7 8	5 40	*morn*	4 56	1 37
38	7	Thu.	7 7	5 41	0 16	6 23	3 20
39	8	Fri.	7 6	5 42	1 11	7 58	5 39
40	9	Sat.	7 5	5 43	2 5	9 17	7 3
41	10	SUN.	7 3	5 44	3 0	10 15	7 47
42	11	Mon	7 2	5 45	3 53	10 58	8 19
43	12	Tue	7 1	5 47	4 41	11 29	8 43
44	13	Wed.	7 0	5 48	5 28	11 58	9 7
45	14	Thu.	6 59	5 49	6 23	*morn*	9 30
46	15	Fri.	6 58	5 50	*ris., e.*	0 23	9 54
47	16	Sat.	6 57	5 51	6 52	0 41	10 15
48	17	SUN.	6 56	5 52	7 58	1 4	10 45
49	18	Mon.	6 54	5 53	9 2	1 33	11 19
50	19	Tue.	6 53	5 54	10 8	2 5	11 59
51	20	Wed.	6 52	5 55	11 18	2 42	*morn*
52	21	Thu.	6 50	5 56	*morn*	3 23	0 43
53	22	Fri.	6 49	5 57	0 24	4 13	1 50
54	23	Sat.	6 48	5 58	1 31	5 13	3 5
55	24	SUN.	6 46	5 59	2 38	6 18	4 26
56	25	Mon.	6 45	6 0	3 42	7 22	5 35
57	26	Tue	6 43	6 1	4 39	8 27	6 32
58	27	Wed.	6 42	6 2	5 29	9 25	7 22
59	28	Thu.	6 41	6 3	6 11	10 14	8 9
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MARCH, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco

NEW MOON.	FIRST QUAR.	FULL MOON.	LAST QUAR.
1 2 1 E.	D. H. M.	D. H. M.	D. H. M.
31 3 37 M.	9 9 59 M.	17 3 47 M.	24 4 54 M.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES H. M.	SUN SETS. H. M.	MOON R. & S. H. M.	HIGH TIDE. S. FRAN. H. M.	S. DIEGO H. M.
60	1	Fri.	6 40	6 4	*set,ev.*	11 11	8 50
61	2	Sat.	6 39	6 5	7 8	*eve.* 2	9 30
62	3	SUN.	6 38	6 6	8 10	0 52	10 6
63	4	Mon.	6 36	6 7	9 11	1 40	10 44
64	5	Tue.	6 35	6 8	10 11	2 28	11 26
65	6	Wed.	6 34	6 9	11 9	3 27	11 58
66	7	Thu.	6 33	6 10	*morn*	4 43	*ev.* 47
67	8	Fri.	6 32	6 11	0 6	6 21	2 44
68	9	Sat.	6 31	6 11	1 1	8 0	5 19
69	10	SUN.	6 29	6 12	1 55	9 5	6 59
70	11	Mon.	6 27	6 13	2 47	9 46	7 30
71	12	Tue.	6 26	6 14	3 34	10 16	7 47
72	13	Wed.	6 24	6 15	4 18	10 40	8 5
73	14	Thu.	6 23	6 16	4 57	11 0	8 26
74	15	Fri.	6 21	6 17	5 34	11 19	8 47
75	16	Sat.	6 19	6 18	*ris.,e.*	11 42	9 9
76	17	SUN.	6 18	6 19	6 48	*morn*	9 36
77	18	Mon.	6 16	6 20	7 56	0 9	10 11
78	19	Tue.	6 14	6 21	9 5	0 40	10 48
79	20	Wed.	6 13	6 22	10 15	1 17	11 25
80	21	Thu.	6 11	6 23	11 24	1 57	*morn*
81	22	Fri.	6 9	6 24	*morn*	2 46	0 11
82	23	Sat.	6 8	6 25	0 32	3 42	1 11
83	24	SUN.	6 7	6 26	1 35	4 46	2 33
84	25	Mon.	6 5	6 27	2 35	6 0	4 5
85	26	Tue.	6 4	6 28	3 25	7 16	5 20
86	27	Wed.	6 2	6 29	4 8	8 25	6 21
87	28	Thu.	6 0	6 30	4 43	9 23	7 12
88	29	Fri.	5 59	6 31	5 17	10 19	7 58
89	30	Sat.	5 57	6 32	5 46	11 10	8 39
90	31	SUN.	5 55	6 33	*set,ev.*	11 55	9 20

APRIL, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

FIRST QUAR.	FULL MOON.	LAST QUAR.	NEW MOON.
D. H. M.	D. H. M.	D. H. M.	D. H. M.
8 5 47 M.	15 2 18 E.	22 5 56 M.	29 6 5 E.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES	SUN SETS.	MOON R. & S.	HIGH TIDE.	
			H. M.	H. M.	H. M.	S. FRAN. H. M.	S. DIEGO H. M.
91	1	Mon.	5 54	6 34	7 54	*eve* 38	9 58
92	2	Tue	5 53	6 34	8 52	1 27	10 29
93	3	Wed.	5 51	6 35	9 50	2 27	11 1
94	4	Thu.	5 50	6 36	10 48	3 19	11 44
95	5	Fri.	5 48	6 37	11 41	4 40	*eve* 41
96	6	Sat.	5 47	6 38	*morn*	6 23	2 11
97	7	SUN.	5 45	6 39	0 36	7 42	3 44
98	8	Mon.	5 43	6 40	1 25	8 27	5 8
99	9	Tue.	5 42	6 41	2 7	8 56	6 19
100	10	Wed.	5 40	6 42	2 47	9 17	6 56
101	11	Thu	5 39	6 42	3 25	9 34	7 13
102	12	Fri.	5 38	6 43	4 1	9 58	7 33
103	13	Sat.	5 37	6 44	4 36	10 23	8 5
104	14	SUN.	5 36	6 45	5 8	10 52	8 37
105	15	Mon.	5 34	6 46	*ris.,e.*	11 28	9 6
106	16	Tue.	5 33	6 47	7 54	*morn*	9 38
107	17	Wed.	5 31	6 48	9 7	0 4	10 13
108	18	Thu.	5 30	6 49	10 20	0 41	10 52
109	19	Fri.	5 28	6 50	11 29	1 23	11 40
110	20	Sat.	5 27	6 51	*morn*	2 13	*morn*
111	21	SUN.	5 26	6 52	0 32	3 12	0 41
112	22	Mon.	5 25	6 53	1 26	4 27	2 4
113	23	Tue	5 24	6 53	2 11	5 30	3 43
114	24	Wed.	5 23	6 54	2 50	7 23	5 1
115	25	Thu.	5 21	6 55	3 24	8 22	6 7
116	26	Fri.	5 19	6 56	3 54	9 23	7 10
117	27	Sat.	5 18	6 57	4 24	10 17	7 47
118	28	SUN.	5 17	6 58	4 50	11 4	8 28
119	29	Mon.	5 15	6 59	5 17	11 55	9 8
120	30	Tue.	5 14	7 00	*set,ev.*	*eve* 44	9 46
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MAY, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

FIRST QUAR. D. H. M.	FULL MOON. D. H. M.	LAST QUAR. D. H. M.	NEW MOON. D. H. M.
7 10 42 E.	14 10 42 E.	21 1 53 E.	29 9 19 M.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES H. M	SUN SETS. H. M.	MOON R. & S. H. M.	HIGH TIDE. S, FRAN. H. M.	HIGH TIDE. S, DIEGO H. M.
121	1	Wed.	5 12	7 1	8 39	1 36	10 24
122	2	Thu.	5 11	7 2	9 36	2 31	11 2
123	3	Fri.	5 11	7 2	10 30	3 35	11 48
124	4	Sat.	5 10	7 3	11 20	4 49	*eve* 54
125	5	SUN.	5 9	7 4	*morn*	6 00	3 15
126	6	Mon.	5 8	7 5	0 8	6 51	4 36
127	7	Tue.	5 7	7 6	0 50	7 19	5 3
128	8	Wed.	5 6	7 7	1 30	7 41	5 28
129	9	Thu	5 5	7 8	2 5	8 6	5 50
130	10	Fri.	5 4	7 9	2 39	8 34	6 20
131	11	Sat.	5 3	7 10	3 10	9 5	6 54
132	12	SUN.	5 3	7 10	3 39	9 34	7 28
133	13	Mon.	5 2	7 11	4 12	10 13	8 2
134	14	Tue.	5 1	7 12	4 44	10 51	8 36
135	15	Wed	5 0	7 13	*ris,e*	11 31	9 13
136	16	Thu.	4 59	7 14	9 10	*morn*	9 50
137	17	Fri.	4 59	7 14	10 20	0 12	10 32
138	18	Sat.	4 58	7 15	11 22	0 58	11 19
139	19	SUN.	4 57	7 16	*morn*	1 51	*morn*
140	20	Mon	4 56	7 17	0 13	2 53	0 18
141	21	Tue	4 55	7 18	0 55	4 8	1 35
142	22	Wed.	4 55	7 18	1 31	5 36	3 9
143	23	Thu.	4 54	7 19	2 1	6 58	4 34
144	24	Fri.	4 53	7 20	2 27	8 6	5 44
145	25	Sat.	4 52	7 21	2 55	9 11	6 43
146	26	SUN.	4 52	7 22	3 22	10 10	7 32
147	27	Mon.	4 51	7 23	3 50	11 6	8 20
148	28	Tue	4 51	7 23	4 20	11 59	9 05
149	29	Wed.	4 50	7 24	4 53	*eve* 50	9 47
150	30	Thu.	4 50	7 25	*set,ev.*	1 43	10 29
151	31	Fri.	4 49	7 26	9 17	2 40	11 12

JUNE, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

FIRST QUAR. D. H. M.	FULL MOON. D. H. M.	LAST QUAR. D. H. M.	NEW MOON. D. H. M.
6 0 1 E.	13 5 58 M.	19 11 36 E.	28 0 53 M.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES H. M.	SUN SETS. H. M.	MOON R. & S. H. M.	HIGH TIDE. S. FRAN. H. M.	S. DIEGO H. M.
152	1	Sat.	4 49	7 25	10 5	3 29	11 53
153	2	SUN.	4 49	7 26	10 50	4 17	*eve* 38
154	3	Mon.	4 49	7 27	11 29	4 55	1 30
155	4	Tue.	4 48	7 28	*morn*	5 26	2 26
156	5	Wed.	4 48	7 28	0 5	5 59	3 19
157	6	Thu	4 48	7 29	0 37	6 33	4 08
158	7	Fri.	4 47	7 30	1 9	7 6	4 52
159	8	Sat.	4 47	7 30	1 48	7 41	5 31
160	9	SUN.	4 47	7 31	2 11	8 15	6 12
161	10	Mon.	4 47	7 31	2 34	8 57	6 54
162	11	Tue.	4 47	7 31	3 19	9 40	7 35
163	12	Wed	4 47	7 32	4 1	10 23	8 16
164	13	Thu.	4 47	7 32	*ris.,e.*	11 8	8 56
165	14	Fri.	4 47	7 32	9 3	11 54	9 38
166	15	Sat.	4 47	7 33	10 1	*morn*	10 21
167	16	SUN.	4 47	7 33	10 50	0 44	11 07
168	17	Mon.	4 47	7 34	11 29	1 38	*morn*
169	18	Tue.	4 47	7 34	*morn*	2 42	0 1
170	19	Wed.	4 47	7 35	0 4	3 53	1 5
171	20	Thu.	4 47	7 35	0 43	5 16	2 26
172	21	Fri.	4 48	7 35	1 1	6 32	3 58
173	22	Sat.	4 48	7 35	1 29	7 50	5 21
174	23	SUN.	4 48	7 36	1 57	9 4	6 30
175	24	Mon.	4 49	7 36	2 25	10 9	7 28
176	25	Tue.	4 49	7 36	2 58	11 6	8 20
177	26	Wed.	4 49	7 36	3 34	11 59	9 5
178	27	Thu.	4 50	7 36	4 15	*eve* 48	9 46
179	28	Fri.	4 50	7 36	*set,ev.*	1 33	10 22
180	29	Sat.	4 50	7 36	8 48	2 15	10 55
181	30	SUN.	4 51	7 36	9 30	2 50	11 27
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JULY, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

FIRST QUAR. D. H. M.	FULL MOON. D. H. M.	LAST QUAR. D. H. M.	NEW MOON. D. H. M.
5 9 59 E.	12 1 2 E.	19 11 45 M.	27 4 0 E.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES H. M.	SUN SETS. H. M.	MOON R. & S. H. M.	HIGH TIDE. S. FRAN. H. M.	HIGH TIDE. S. DIEGO H. M.
182	1	Mon.	4 51	7 36	10 8	3 17	11 53
183	2	Tue	4 52	7 35	10 42	3 43	*eve* 25
184	3	Wed.	4 52	7 35	11 13	4 15	1 8
185	4	Thu.	4 53	7 35	11 42	4 51	2 0
186	5	Fri.	4 53	7 35	*morn*	5 30	2 56
187	6	Sat.	4 54	7 35	0 9	6 10	3 52
188	7	SUN.	4 54	7 35	0 40	6 51	4 48
189	8	Mon.	4 55	7 34	1 14	7 36	5 41
190	9	Tue.	4 56	7 34	1 52	8 27	6 31
191	10	Wed.	4 56	7 34	2 38	9 16	7 17
192	11	Thu	4 56	7 34	3 31	10 6	8 3
193	12	Fri.	4 57	7 34	*ris., e.*	10 56	8 46
194	13	Sat.	4 58	7 33	8 37	11 45	9 29
195	14	SUN.	4 59	7 32	9 23	*morn*	10 13
196	15	Mon.	5 0	7 32	10 1	0 37	10 57
197	16	Tue.	5 0	7 31	10 35	1 33	11 44
198	17	Wed	5 1	7 31	11 6	2 31	*morn*
199	18	Thu.	5 2	7 30	11 33	3 36	0 38
200	19	Fri.	5 3	7 29	*morn*	4 48	1 48
201	20	Sat.	5 3	7 29	0 1	6 11	3 21
202	21	SUN.	5 3	7 29	0 29	7 39	5 6
203	22	Mon.	5 4	7 28	1 0	9 0	6 33
204	23	Tue.	5 5	7 28	1 34	10 9	7 37
205	24	Wed.	5 6	7 27	2 11	11 3	8 25
206	25	Thu.	5 7	7 26	2 57	11 49	9 1
207	26	Fri.	5 7	7 26	3 45	*eve* 26	9 29
208	27	Sat.	5 8	7 25	4 39	0 59	9 56
209	28	SUN.	5 8	7 24	*sets, e.*	1 28	10 20
210	29	Mon.	5 9	7 23	8 42	1 48	10 42
211	30	Tue.	5 10	7 22	9 13	2 10	11 2
212	31	Wed.	5 10	7 22	9 44	2 37	11 32

AUGUST, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

FIRST QUAR.	FULL MOON.	LAST QUAR.	NEW MOON.
D. H. M.	D. H. M.	D. H. M.	D. H. M.
4 5 27 M.	10 8 43 M.	18 2 51 M.	26 6 0 M.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES	SUN SETS.	MOON R. & S.	HIGH TIDE. S. FRAN.	HIGH TIDE. S. DIEGO
			H. M.	H. M.	H. M.	H. M.	H. M.
213	1	Thu.	5 11	7 21	10 12	3 10	*eve* 12
214	2	Fri.	5 12	7 20	10 42	3 47	0 57
215	3	Sat.	5 13	7 19	11 14	4 28	1 49
216	4	SUN.	5 14	7 18	11 49	5 15	2 58
217	5	Mon.	5 15	7 16	*morn*	6 10	4 11
218	6	Tue	5 16	7 15	0 31	7 8	5 18
219	7	Wed.	5 17	7 14	1 18	8 7	6 16
220	8	Thu.	5 18	7 13	2 16	9 3	7 7
221	9	Fri.	5 18	7 12	3 23	9 58	7 55
222	10	Sat.	5 19	7 11	*ris., e.*	10 50	8 39
223	11	SUN.	5 20	7 10	7 53	11 42	9 22
224	12	Mon.	5 21	7 9	8 28	*morn*	10 3
225	13	Tue.	5 22	7 7	9 3	0 34	10 46
226	14	Wed	5 23	7 5	9 32	1 26	11 28
227	15	Thu	5 24	7 3	10 1	2 24	*morn*
228	16	Fri.	5 25	7 1	10 29	3 25	0 15
229	17	Sat	5 26	7 1	11 1	4 36	1 13
230	18	SUN.	5 27	7 0	11 33	6 1	2 45
231	19	Mon.	5 27	6 59	*morn*	7 37	5 24
232	20	Tue.	5 28	6 58	0 9	9 1	6 59
233	21	Wed	5 29	6 57	0 50	10 2	7 44
234	22	Thu	5 30	6 56	1 37	10 43	8 12
235	23	Fri.	5 31	6 54	2 29	11 16	8 36
236	24	Sat.	5 32	6 53	3 25	11 42	8 55
237	25	SUN.	5 33	6 51	4 26	*eve* 7	9 16
238	26	Mon	5 34	6 50	*sets, e.*	0 24	9 35
239	27	Tue	5 35	6 48	7 46	0 45	9 57
240	28	Wed.	5 35	6 47	8 15	1 8	10 19
241	29	Thu.	5 36	6 46	8 47	1 37	10 50
242	30	Fri.	5 37	6 44	9 16	2 11	11 29
243	31	Sat.	5 37	6 44	9 49	2 49	*eve* 12

SEPTEMBER, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

FIRST QUAR.	FULL MOON.	LAST QUAR.	NEW MOON.
D. H. M.	D. H. M.	D. H. M.	D. H. M.
2 11 34 M.	9 5 52 M.	16 8 49 E.	24 6 42 E.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES H. M.	SUN SETS. H. M.	MOON R. & S. H. M.	HIGH TIDE. S. FRAN. H. M.	S. DIEGO H. M.
244	1	SUN.	5 38	6 42	10 27	3 39	1 6
245	2	Mon.	5 39	6 41	11 10	4 37	2 18
246	3	Tue	5 40	6 39	*morn*	5 42	3 42
247	4	Wed.	5 41	6 37	0 4	6 49	5 2
248	5	Thu.	5 42	6 35	1 1	7 57	6 6
249	6	Fri.	5 43	6 34	2 7	8 59	7 0
250	7	Sat.	5 44	6 32	3 17	9 58	7 48
251	8	SUN	5 45	6 31	4 29	10 52	8 33
252	9	Mon.	5 45	6 30	*ris., e.*	11 43	9 15
253	10	Tue	5 46	6 29	7 28	*morn*	9 55
254	11	Wed.	5 47	6 27	7 56	0 32	10 33
255	12	Thu.	5 48	6 25	8 24	1 18	11 16
256	13	Fri.	5 49	6 24	8 53	2 6	11 48
257	14	Sat.	5 50	6 22	9 23	3 5	*morn*
258	15	SUN.	5 51	6 20	9 57	4 32	0 41
259	16	Mon.	5 52	6 18	10 36	6 3	2 28
260	17	Tue.	5 53	6 16	11 19	7 40	4 8
261	18	Wed.	5 54	6 14	*morn*	8 48	5 18
262	19	Thu	5 55	6 12	0 18	9 31	6 33
263	20	Fri.	5 56	6 10	1 13	10 1	7 18
264	21	Sat.	5 57	6 8	2 11	10 24	7 53
265	22	SUN.	5 59	6 6	3 11	10 42	8 10
266	23	Mon.	6 0	6 4	4 14	11 0	8 27
267	24	Tue.	6 1	6 3	5 19	11 20	8 47
268	25	Wed	6 2	6 2	*sets, e.*	11 46	9 20
269	26	Thu	6 3	6 0	7 16	*eve* 15	9 47
270	27	Fri.	6 4	5 59	7 49	0 50	10 17
271	28	Sat.	6 4	5 57	8 26	1 29	10 54
272	29	SUN.	6 5	5 55	9 08	2 15	11 36
273	30	Mon.	6 6	5 54	9 58	3 5	*eve* 13

OCTOBER, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

FIRST QUAR.	FULL MOON.	LAST QUAR.	NEW MOON.
1 5 33 E.	D. H. M.	D. H. M.	D. H. M.
31 0 30 M.	8 5 25 E.	16 4 37 E.	24 6 26 M.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES H. M.	SUN SETS. H. M.	MOON R. & S. H. M.	HIGH TIDE. S. FRAN. H. M.	S. DIEGO H. M.
274	1	Tue	6 07	5 52	10 57	4 7	1 47
275	2	Wed.	6 07	5 51	*morn*	5 21	3 21
276	3	Thu.	6 08	5 49	0 3	6 41	4 47
277	4	Fri.	6 09	5 48	1 9	7 55	5 55
278	5	Sat.	6 10	5 46	2 16	9 0	6 51
279	6	SUN.	6 11	5 45	3 23	9 57	7 40
280	7	Mon.	6 12	5 43	4 30	10 48	8 25
281	8	Tue.	6 13	5 41	*ris.,e.*	11 36	9 5
282	9	Wed.	6 14	5 40	6 25	*morn*	9 47
283	10	Thu.	6 14	5 39	6 56	0 27	10 18
284	11	Fri.	6 15	5 38	7 26	1 19	10 57
285	12	Sat.	6 16	5 36	8 1	2 13	11 42
286	13	SUN.	6 17	5 35	8 39	3 19	*morn*
287	14	Mon.	6 18	5 33	9 23	4 37	0 44
288	15	Tue.	6 20	5 32	10 12	6 6	1 54
289	16	Wed.	6 21	5 31	11 6	7 23	3 28
290	17	Thu.	6 21	5 29	*morn*	8 10	4 47
291	18	Fri.	6 22	5 28	0 4	8 40	6 7
292	19	Sat.	6 23	5 27	1 3	9 0	6 43
293	20	SUN.	6 24	5 25	2 3	9 16	6 55
294	21	Mon.	6 25	5 24	3 5	9 38	7 13
295	22	Tue.	6 26	5 22	4 8	10 2	7 48
296	23	Wed	6 27	5 23	5 14	10 28	8 14
297	24	Thu.	6 28	5 20	6 20	11 3	8 42
298	25	Fri.	6 29	5 19	*sets,e.*	11 36	9 13
299	26	Sat.	6 30	5 18	7 6	*eve* 14	9 42
300	27	SUN.	6 31	5 17	7 52	0 53	10 26
301	28	Mon.	6 32	5 16	8 46	1 49	11 11
302	29	Tue.	6 33	5 15	9 50	2 36	*eve* 5
303	30	Wed.	6 34	5 13	10 57	3 46	1 20
304	31	Thu.	6 35	5 12	*morn*	5 8	2 54

NOVEMBER, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

FULL MOON. D. H. M.	LAST QUAR. D. H. M.	NEW MOON. D. H. M.	FIRST QUAR. D. H. M.
7 8 5 M.	15 0 36 E.	22 5 43 E.	29 9 28 M.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES H. M.	SUN SETS. H. M.	MOON R. & S. H. M.	HIGH TIDE. S. FRAN. H. M.	HIGH TIDE. S. DIEGO H. M.
305	1	Fri.	6 36	5 11	0 8	6 35	4 25
306	2	Sat.	6 38	5 10	1 15	7 53	5 38
307	3	SUN.	6 39	5 9	2 22	8 55	6 33
308	4	Mon.	6 40	5 8	3 26	9 55	7 26
309	5	Tue.	6 41	5 7	4 28	10 50	8 12
310	6	Wed.	6 42	5 6	5 29	11 43	8 56
311	7	Thu.	6 43	5 5	*ris.,e.*	*morn*	9 39
312	8	Fri.	6 44	5 4	6 9	0 35	10 22
313	9	Sat.	6 45	5 3	6 46	1 30	11 5
314	10	SUN.	6 46	5 2	7 26	2 26	11 54
315	11	Mon.	6 47	5 1	8 11	3 29	*morn*
316	12	Tue.	6 48	5 0	9 2	4 36	1 0
317	13	Wed.	6 49	4 59	9 54	5 43	3 10
318	14	Thu.	6 50	4 59	10 51	6 35	4 1
319	15	Fri.	6 51	4 58	11 49	7 4	4 36
320	16	Sat.	6 52	4 58	*morn*	7 23	5 8
321	17	SUN.	6 53	4 57	0 49	7 48	5 31
322	18	Mon.	6 55	4 56	1 50	8 15	5 57
323	19	Tue.	6 56	4 55	2 53	8 43	6 29
324	20	Wed.	6 57	4 55	3 59	9 10	7 4
325	21	Thu.	6 58	4 54	5 6	9 48	7 38
326	22	Fri.	6 59	4 53	6 18	10 26	8 14
327	23	Sat.	7 0	4 53	*sets,e.*	11 4	8 51
328	24	SUN.	7 1	4 53	6 36	11 45	9 29
329	25	Mon.	7 2	4 52	7 36	*eve* 30	10 10
330	26	Tue.	7 3	4 52	8 45	1 21	10 56
331	27	Wed.	7 4	4 51	9 56	2 21	11 51
332	28	Thu.	7 5	4 51	11 5	3 32	*eve* 58
333	29	Fri.	7 6	4 51	*morn*	4 56	2 23
334	30	Sat.	7 7	4 51	0 15	6 21	3 53

DECEMBER, 1889.

The Rising and Setting of the Sun and Moon are given in Standard Time for San Francisco.

FULL MOON. D. H. M.	LAST QUAR. D. H. M.	NEW MOON. D. H. M.	FIRST QUAR. D. H. M.
7 1 52 M.	15 6 58 M.	22 4 52 M.	28 9 16 E.

DAY OF YR.	DAY OF MO.	DAY OF WEEK	SUN RISES H. M.	SUN SETS. H. M.	MOON R. & S. H. M.	HIGH TIDE. S. FRAN. H. M.	S. DIEGO H. M.
335	1	SUN.	7 8	4 51	1 21	7 35	5 12
336	2	Mon.	7 9	4 51	2 23	8 47	6 18
337	3	Tue	7 9	4 51	3 24	9 50	7 12
338	4	Wed.	7 10	4 51	4 23	10 50	8 5
339	5	Thu.	7 11	4 51	5 23	11 45	8 54
340	6	Fri.	7 12	4 51	6 22	*morn*	9 37
341	7	Sat.	7 13	4 51	*ris., e.*	0 39	10 24
342	8	SUN.	7 13	4 51	6 0	1 32	11 8
343	9	Mon.	7 14	4 51	6 49	2 24	11 52
344	10	Tue	7 15	4 51	7 43	3 16	*morn*
345	11	Wed.	7 16	4 51	8 39	4 4	0 34
346	12	Thu.	7 17	4 51	9 38	4 43	1 14
347	13	Fri.	7 17	4 52	10 37	5 5	1 57
348	14	Sat.	7 17	4 52	11 37	5 37	2 44
349	15	SUN.	7 18	4 53	*morn*	6 10	3 35
350	16	Mon.	7 19	4 53	0 37	6 42	4 22
351	17	Tue.	7 20	4 54	1 39	7 17	5 3
352	18	Wed.	7 20	4 54	2 44	7 50	5 44
353	19	Thu	7 21	4 54	3 53	8 30	6 28
354	20	Fri.	7 22	4 55	5 5	9 15	7 11
355	21	Sat.	7 22	4 55	6 17	9 58	7 53
356	22	SUN.	7 23	4 55	*sets, e*	10 43	8 35
357	23	Mon.	7 23	4 56	6 28	11 31	9 17
358	24	Tue.	7 23	4 57	7 39	*eve* 19	10 1
359	25	Wed.	7 24	4 58	8 52	1 13	10 46
360	26	Thu	7 24	4 58	10 3	2 13	11 38
361	27	Fri.	7 24	4 59	11 11	3 20	*eve* 38
362	28	Sat.	7 24	5 0	*morn*	4 41	1 51
363	29	SUN.	7 25	5 0	0 16	5 58	3 18
364	30	Mon.	7 26	5 1	1 17	7 21	4 47
365	31	Tue.	7 26	5 1	2 20	8 39	6 5

ADDRESSES AND MEMORANDA.

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JANUARY, 1889.

DAILY MEMORANDA.

Space is provided for recording the state of the Thermometer and weather. The Moon's Changes, and Stated Church Days are also noticed as they occur.

Signs: 🌑 New Moon; 🌓 First Quarter; 🌕 Full Moon; 🌗 Last Quarter.

🌑 TUES. 1. Ther. Weather, Fine -

Mother went to ride with Dr. Gunn & the Hamiltons
Took a short walk -

WED. 2. Ther. Weather, Fine

Walked as far as 5th St. with Mother. I had hat ordered.

THUR. 3. Ther. Weather, Fine

Walked as far as Mrs. Hosmer's & took Molly with me.

FRI. 4. Ther. Weather, fine -

Lazy all day - took a short walk in the afternoon -

SAT. 5. Ther. Weather,

Mrs. Hamilton took the children & myself to ride.

SUN. 6. Ther. Weather,

Went to church for first time since - Aug. 19. Childrens service -

MON. 7. Ther. Weather,

Called on Dr. Smiley. Mr. Cleveland took me to ride -

"Fred Houghton"

☽ TUES. 8. Ther. Weather, Fine

Isabel staid here in the afternoon -
Fred. went for his first ride 19 weeks to-day since he went to bed - Mr. Cleveland took him in his low buggy -
Mr. Carter in to play whist in the evening.

WED. 9. Ther. Weather, Cloudy.

Felt badly all day and did very little.
Played cards in the evening -

THUR. 10. Ther. Weather, Fine -

Fred walked with me as far as the Rafferty's in the morning - Professional call in the afternoon -

FRI. 11. Ther. Weather, Cloudy part of time

Med. call in the morning S. S. chap. in the afternoon Mr. Carter down in the evening & played whist.

SAT. 12. Ther. Weather, Cloudy - Rain

Fed - walked with me to fifth street in the afternoon
Sarah Hodge & Dr. Fender in to call -

SUN. 13. Ther. Weather, Rainy

Read all day.
~~Called on sick baby in the afternoon~~ -
Mr. Smith in to say good-bye - (Cumberland Presby. minister)

Robert. 1885 -

MON. 14. Ther. Weather, Rainy.

Called on baby Vogel in the morning - Shopping etc.
Mr. Repan in to play chess.
Robert had his "electric lights" lit at supper time -

TUES. 15. Ther. Weather, Fair.

Marketing in the morning
Sewed a little in the afternoon
Mr. Carter in in the evening

WED. 16. Ther. Weather, Cloudy & Rain

Read all day.
Mother in bed all day
& slept in our room.

🌕 **THUR. 17.** Ther. Weather,

Out of doors most all day.
Mr. Carter in in the evening

FRI. 18. Ther. Weather, Cloudy & Fair

Spent the day at Mrs. Stone's
Medical meeting in
the evening Fred walked
all the way home.

SAT. 19. Ther. Weather, Fine

Mother, Fred & I went
to Mrs. Hamilton's to
dinner -
Fred went up to see
Annie & Agnes - both
of them sick.

Sun. 20. Ther. Weather, Fine

Church with Mother & the children in the morning.
Fred. went up to see Annie & staid to dinner with Nell.
Mother went over to Coronado with Mrs. Knapp.

Mon. 21. Ther. Weather, Fine

Frank brought Isabel down in the morning
Fred & I went up to see Annie.
Mr. Carter & David W. in in the evening -

TUES. 22. Ther. Weather, Fine

Fred & I went up to see Annie in the morning
Made calls with Mother

Mr. Carter in at night –

WED. 23. Ther. Weather,

Went to see dressmakers.
Called on Mrs. Rafferty
with Mother –

☾ THUR. 24. Ther. Weather,

Went to see Mrs. Thomas
in the afternoon.
Mr. McKoon in in the
evening -

FRI. 25. Ther. Weather,

Guild meeting nearly
all day
Fred. went up to see
Annie -

SAT. 26. Ther. Weather,

Went, with Fred to see Annie.
Mrs. Stone & Mrs Horner in a short time -
Chess players here in the afternoon - (Mr. Goff & Dr. Funder)
Jewish Rabbi.

SUN. 27. Ther. Weather,

Church A.M. but had severe headache & came out.
Called on Mrs. Thomas and went with Fred & Mother down on the wharf.

MON. 28. Ther. Weather,

Down town with Mrs Kettle after dinner –
for housekeeper

TUES. 29. Ther. Weather, Fred. 1854 –

At home all day. Went
down town with
Mother & got Lobster &
Oysters –

WED. 30. Ther. Weather, A. M. Goodwin

Washed flannels etc.

● **THUR. 31.** Ther. Weather,

Lame all day & staid at home quietly.

FRI. 1. Ther. Weather,

Called at the Brewster. in the morning. Bible class in the afternoon. Robbie Treated me in the Evening & played whist until quite late & then talked - Sat. evening -

Medical meeting Dr. Mathison met with us -

SAT. 2. Ther. Weather,

Up to Annie's in the morning. Meeting of Day Nursery in the afternoon. Ride with Mrs. Hamilton to talk over matters - Called on Mrs Gay & Mrs. Hodges about W.C.T.U. meetings -

SUN. 3. Ther. Weather,

Up to Annie's but
did not stay. -
Church at Communion
time. -
Read in the afternoon
Church in the evening.

MON. 4. Ther. Weather,

TUES. 5. Ther. Weather.

WED. 6. Ther. Weather,

THUR. 7. Ther. Weather,

Called on Mrs. Melmore
a. m.
Trip down the bay on
Roseville

FRI. 8. Ther. Weather,

Went to see Mrs. Melmore
with Fred.
Up to Annie's

FEBRUARY, 1889. 1876

SAT. 9. Ther. Weather, Agnes Brooks

SUN. 10. Ther. Weather, Hattie Brooks

S. S. Church A. M. -
Up to see Annie in
the afternoon -
Church P. M.
Miss Baker called a
few moments.

MON. 11. Ther. Weather, Hot.

Made calls with Mother -
Mrs W. W. Stewart in a short time
Mr. Carter in at night -
Called on Mrs M. D. Hall + on patient to be confined.

TUES. 12. Ther. Weather, Hot.

W. C. T. U. in the afternoon
Called on Miss Maxwell
Mr. Carter & David Wittington in in the evening.

WED. 13. Ther. Weather,

Mr. Carter in in the evening & invited us to tea the next night.
Mrs. Patterson asked Mr & Mrs Davy here to call.
Fire at N.E. Bakery - in the afternoon -

THUR. 14. Ther. Weather, Rainy

Danced attendance all day at Mrs. Patterson.
Tea with Mrs Carter
Mrs. P's. baby born in the evening -

FRI. 15. Ther. Weather, Rainy

At Mrs. Pattersons two or three times & called there at night.

Called on other patients & at the Day Nursery.

Medical meeting in the evening.

SAT. 16. Ther. Weather, Rainy

Met Dr. Mallison & she walked down with me. Mr. & Mrs. Seelin here to tea. Called up to Mrs. Pattersons in the evening.

SUN. 17. Ther. Weather,

Septuagesima Sunday.

Calls in the morning & Dr. Smiley Mrs. Switzer & Mrs. Rogers in before dinner —

MON. 18. Ther. Weather,

TUES. 19. Ther. Weather,

WED. 20. Ther. Weather,

THUR. 21. Ther. Weather,

W. H. Assoc. in the
afternoon
calls.

☾ FRI. 22. Ther. Weather,

SAT. 23. Ther. Weather,

Murray & to see patients in the morning.
Up to Amelia's to lunch with Norwalk people.
Called on Mrs. Goodsell.

SUN. 24. Ther. Weather, Rainy

Sexagesima Sunday.

Medical calls - Church A.M.
Calls, Up to Amelia's

FEBRUARY, 1889.

MON. 25. Ther. Weather,

Medical calls.

TUES. 26. Ther. Weather,

Called on Mrs. Patterson
A.M.
Callers in the afternoon
Organ Recital at Church
in the evening.

WED. 27. Ther. Weather,

Up to see Mrs. Patterson
Called at Nursery -
Miss McClure called in
the evening.

THUR. 28. Ther. Weather,

Over to Coronado to see
Ray Jacobs. (Vassar Classmate)
Jewish Dinner -
W.C.T.U. Co. meeting
Visit to Chamber of Commerce
Day nursery & Patient -
Commencement in the eve.

FRI. 1. Ther. Weather,

Medical calls.
Rachel over in the
afternoon.
On the plaza in the
evening.
Called for Dr. Mallison

SAT. 2. Ther. Weather,

Up at 4 for Confinement
Case.
Medical calls.

SUN. 3. Ther. Weather,

Quinquagesima Sunday.

Medical calls all day &
in the Eve.

1879

MON. 4. Ther. Weather, B. J. Waters

Medical calls in the
morning:
Wrote in the afternoon.

TUES. 5. Ther. Weather,

Medical calls a.m.
W.C.T.U. in the afternoon.

WED. 6. Ther. Weather,

Ash Wednesday.

Medical calls all day.

THUR. 7. Ther. Weather,

Medical calls a.m.
Flower Festival meeting in the afternoon— Robert came after me & got lost.
W.C.T.U. in the evening.

His policeman brought him home— Cheeks streaked with tears & dirt.

FRI. 8. Ther. Weather,

Cake from Mrs. Riestrick
Went to Tia Juana at 10 a.m. & staid all day

☽ SAT. 9. Ther. Weather,

up to Annie's & Amelia's
in the morning.
Ordered pictures –

SUN. 10. Ther. Weather,

Quadragesima Sunday.

Church A.M. & S.S.
In the evening
wrote Mother –
Mr. Slaughter new Mexico in in the
Evening –
Isabel hurt herself with
a pen Knife.

MON. 11. Ther. Weather,

Busy about nursery business all day -
Packed Mothers trunks at night.
Mr. Carlis in to play chess with Fred.

TUES. 12. Ther. Weather, Fine.

German baby born this A.M. Fuss about baby at Day Nursery.
Call from "Uncle Steve"

Mother off at four P.M. with Mrs. Hull.

WED. 13. Ther. Weather, Rainy

Medical calls a.m.
Wrote all the afternoon
Mr. Carter in.
Church in the evening -

Charlie Houghton

THUR. 14. Ther. Weather, Cloudy -

Church a.m. Calls -
Called on Sarah Hodge
& Mrs. Eigenmann in
the afternoon -
Wrote & read in the Eve -

FRI. 15. Ther. Weather, Rainy P.M.

Med. calls. Mending in the afternoon.
Mr. Carter + Rabbi Freuder were in.
Church at 4. Read a little.

SAT. 16. Ther. Weather, Rainy.

Med. calls. in the morning. Nursery business in the afternoon.

SUN. 17. Ther. Weather, Rainy a.m.

S. S. & Church a.m.
Mission school P.M.
Home in the evening
Call about 10 P.M. to
see sick boy - Home
about 2.

MON. 18. Ther. Weather, Fine.

Up late - Call from
Mrs. Eigenmann.
Nursery business - New
patients P.M.
Wrote a little in the eve,
Mr. Carter in to play chess.

Call from Mrs. Whitmore -

TUES. 19. Ther. Weather, Robert Jenkins died 1880

Went up to Miels' to see Millie's picture.
Mr. Hall home & gave graphic account of the trip to lower California.
Home at eleven. Mrs. Aylworth in to arrange for C.T.U. Co. Exec. meeting. Church at 4. Took Rob. David & Mr. Carter in in the evening.
Hair cut.

WED. 20. Ther. Weather,

Washed windows in the morning.
Medical meeting in the evening.

THUR. 21. Ther. Weather,

House work a.m.
Up to Mills' cellar in the afternoon - Nursery business -
Call on Mrs. Stein - German patient -
Moody meeting in the evening -
Rabbi in to tea -

FRI. 22. Ther. Weather,

Church P.M.
Moody meeting in the evening with Miss Kittle

SAT. 23. Ther. Weather,

Calls in the afternoon -
Wrote in the evening -

☾ SUN. 24. Ther. Weather,

Mid-Lent Sunday. Dr. Webster

Church + S.S. A.M.
Moody meeting afternoon
Church P.M. -

MON. 25. Ther. Weather, Cloudy.

Called at Nursery & German woman's - Mrs. Stier.
Med. call -
At home all the afternoon
Call after tea & an attempt to attend the Moody meeting but house too full.

TUES. 26. Ther. Weather, Charlie Wells

Med. call A.M.
Social calls P.M.
Read in the evening.

WED. 27. Ther. Weather, H. LeB. Kelle

Housework & writing all day.
Called at nursery after tea -
Church & worked on accounts -
Miss McClure's nurse Father buried to-day.

THUR. 28. Ther. Weather,

Church. Day Nursery -
Mrs. Livermore's lecture in the evening with Miss Kittler √

FRI. 29. Ther. Weather,

Up late - Patient on
State St. Day Nursery
Church 4. P. M.
Read in the evening
after med. call.

SAT. 30. Ther. Weather, C. J. B. '55

Med. calls.
Mending & Church -
Call from Mrs. Dodge -
Med. call after tea
Mrs. Knapp in a few
moments - Note -

SUN. 31. Ther. Weather,

Med. calls. Mr. McCoon
& Mr. Falkenau called—A.M.
Slept a little P.M. Call
from. Mr. Laurie. Boston
Church, evening.

MON. 1. Ther. Weather,

Med. calls.
Social call. Mrs. York & the
Rabbi. Mrs. Eigenmann—
Frank Brooks.
Med call after tea
Mrs. Jenness Miller's lecture
on "Dress".

TUES. 2. Ther. Weather,

House work & lad polo-
Lunch at Annie's -
Med. calls.
Call at the Rectory after
tea
Moter -
Election to day.
Douglas Green mayor.

WED. 3. Ther. Weather,

Bath after dinner
Day Nursery meeting at
Mrs. Carter's.
Med. calls.

THUR. 4. Ther. Weather,

Errands for Mrs. Horner.
Called at Public Library
&c.

FRI. 5. Ther. Weather,

Sewing. &c.
Med. meeting in the
Evening. quite interesting

SAT. 6. Ther. Weather,

Out to see Circus parade - a.m.
Day Nursery.
W.C.T.U. work in the afternoon.
Wrote in the evening.

SUN. 7. Ther. Weather,

Home a.m.
Call from Mrs. Eagan.
Med. call - "Rupture" - in the afternoon.
Church in the evening

☽ MON. 8. Ther. Weather,

Calls medical &c. all day.
Called at Rulongs in the evening.
Bought Molly a reader.

TUES. 9. Ther. Weather,

Swept the Office -
Med. calls.
Annie's in the evening.

WED. 10. Ther. Weather, Clemmie Houghton

Called at Nursery in the afternoon.
Church in the evening.
Confirmation.

THUR. 11. Ther. Weather,

Home work etc.
Confinement case at 2. P.M.
Down to see patient in the evening.

FRI. 12. Ther. Weather,

Med. calls.
Church P.M.
Bed early -

SAT. 13. Ther. Weather,

Ocean Beach with
Amelia, Annie Mrs. Hodge
Mrs. Emaly, Mrs. Jerrold.
& all the children -
Med. calls -
Wrote a little in the
evening.

Sun. 14 Ther. Weather,

Palm Sunday.

Med. calls. Church.
Recital P.M.
Church in the evening
Mr & Mrs. Senter called.
Annie Senter sister of Dr.
Sarah (or Nellie Palmer) old N.E.
friends

🌕 ~~Mon.~~ Tue. 15. Ther. Weather,

Med. calls.
Church & call on Mrs.
Woodruff P.M.
Bed early

TUES. 16. Ther. Weather, R. H. Waters 1852

Med. calls.
Read in the afternoon.

WED. 17. Ther. Weather,

Church A.M. Med. calls
On board the Albatross
in the afternoon
wrote + read a letter
in the evening.

THUR. 18. Ther. Weather,

Church in the morning

FRI. 19. Ther. Weather,

Good Friday.

Church A.M.
S.S. Chapter & Church P.M.
Church in the evening
Mr. Mac Koon in town

SAT. 20. Ther. Weather,

Church in the afternoon
to help dress Church for
Easter-

SUN. 21. Ther. Weather,

Easter Sunday.

S.S. Church. a.m.
Church at 6 a.m. also-
Call from Mrs. Worley-
Church P.M.

☾ MON. 22. Ther Weather,

Sail to Ballast point.
home at 4.
had calls.

TUES. 23. Ther. Weather,

Flower festival began

WED. 24. Ther. Weather,

Flower Festival -
Dinner at Mrs. Marstons.

THUR. 25. Ther. Weather,

Flower Festival.
Call on Mrs. Chas. Hamilton -
one of her many miscarriages -

FRI. 26. Ther. Weather, Dr. Lucy Sewall

Called at Mrs Marston's Rented & went to bed early.

SAT. 27. Ther. Weather,

Housework, etc.
Flower Festival in the evening.

SUN. 28. Ther. Weather,

Low Sunday.

Church a.m.
Medical call -
Christian Church P.M.

MON. 29. Ther. Weather,

Up to Rink to help clean
up from festival
Medical calls.
Patient quite sick with
pneumonia -

TUES. 30. Ther. Weather, Frank Brooks

Fred up early to call on patients -
Went with F. after church
Church, at 9. Centennial
Service
Calls in the afternoon.

WED. 1. Ther. Weather,

THUR. 2. Ther. Weather,

FRI. 3. Ther. Weather, Warm, 86°

At home all day.

Sat. 4. Ther. Weather, Dear Molly -

Sail with the Esquimaux in the afternoon - Call from Annie & three or four W.C.T.U. women!

Sun. 5. Ther. Weather, Raining 10 P.M.

S.S. & Church - Read in the afternoon Church at German Methodist in the Evening to hear Mr. Afflerbach from San Jose. → Mrs. Desponds Father -

MON. 6. Ther. Weather, cloudy

W.C.T.U. in the afternoon –

Chinese school in the evening.

TUES. 7. Ther. Weather, Raining.

Fishing in the afternoon –

Callers after I came home.

Tried out to see Dr. Davis ~~in the afternoon~~ after tea

☽ Wed. 8. Ther. Weather,

At Mrs. Eigenmanns
all day Baby born
at 5.45 p.m.

Thur. 9. Ther. Weather,

Med. calls read on
Bacteria -
Woman's Exchange to
see Mrs. Knapp.
Aprons from Mother
by express -

FRI. 10. Ther. Weather,

S.S. Chaplin - Talk on
Unfermented wine with
Mrs. Restraick,
Read in the evening

SAT. 11. Ther. Weather,

Mon, ~~SUN.~~ 12. Ther. Weather,

Chinese Mission in the evening.

Sun ~~MON.~~ 13. Ther. Weather,

S.S. Church.
Union Mission
Mr. Silcox in the evening.
Cong. Minister.

TUES. 14. Ther. Weather, Blowy.

Washed - a. m.
W.C.T.U. p. m.
Chinese Mission in the evening.

Chess Club met here.

🌝 WED. 15. Ther. Weather, Blowy.

Housework.
S. S. Chaplin -
David Wittington & Mr. Carter in the evening.

THUR. 16. Ther. Weather,

Medical work all day.

FRI. 17. Ther. Weather,

Co. Med. Soc. in the evening.

SAT. 18. Ther. Weather,

Med. work.
Coronado Beach in
the afternoon.
Bath at Mrs. Berry's
in the evening.
Chess Club met here -
Mate quite late.

SUN. 19. Ther. Weather,

S.S - Church - A.M.
Mamie Stone down in the
afternoon - & stayed to tea
Church with Miss K. in
the evening. Fred & I
walked up with Mamie
after tea.

MON. 20. Ther. Weather,

☾ TUES. 21. Ther. Weather,

W.C.T.U. in the afternoon
Recd. calls.

WED. 22. Ther. Weather,

THUR. 23. Ther. Weather,

FRI. 24. Ther. Weather,

Mrs. Knapp came home with me to tea.

SAT. 25. Ther. Weather,

Sun. 26. Ther. Weather,

Rogation Sunday.

S.S. but not at Church all day as I had a bad cold.

Mon. 27. Ther. Weather,

Med. work all day. Cold quite bad.

TUES. 28. Ther. Weather,

Med. calls in the morning. home in the afternoon.

WED. 29. Ther. Weather,

Cold much better – meeting of W.omens H.ome A.ssoc Nursery at Mrs. Marstons.

Thur. 30. Ther. Weather,

Ascension Day.

All the family went
to Roseville I joined
them at 3.
Read in the evening.

Fri. 31. Ther. Weather,

Joseph washed. a.m.
med. work. Afternoon
Lecture in the evening
on Spiritualism -

SAT. 1. Ther. Weather, Fanny Cushing

SUN. 2. Ther. Weather,

S.S. Church a.m.
Mission in the afternoon
Presbyterian Church P.m.

MON. 3. Ther. Weather,

Med. call.
Note to mother -

TUES. 4. Ther. Weather,

Patient P.M.
Call from W.C.T.U. women.

WED. 5. Ther. Weather,

Cal. So. Med. Soc. all day
till the evening.
Met quite a number
of the visiting M.D's.

☽ THUR. 6. Ther. Weather,

Soc. meeting a.m.
On the bay in the
afternoon—
Chinese mission in
the evening.
Called at the Rectory—

FRI. 7. Ther. Weather,

Read most all day
Med. Soc. in the evening.

SAT. 8. Ther. Weather,

W. C. T. U. Flower Festival
day.
Visited Jails in the
afternoon.
Read in the evening

SUN. 9. Ther. Weather,

Whitsunday.

S.S. Church a.m.
Nap in the afternoon
Call from Mr. Mrs Seeber
Called at Mills after tea
Church P.M.

MON. 10. Ther. Weather, Annie's wedding

County Hospital a.m.
Wrote on paper in the
afternoon & evening.
Wrote to Mother.

TUES. 11. Ther. Weather,

Housework & Read in the morning.
W. C. T. U in the afternoon
Call from Mrs. Davison
& Mrs. McKoon
Called on Mrs. Stewart
before tea. Wrote a
little in evening -
Med. call later -

WED. 12. Ther. Weather,

Patient A. M.
Wrote on paper -

THUR. 13. Ther. Weather,

Reception at Mr. Rowlands
in the evening

FRI. 14. Ther. Weather,

Fred went out to Hosp. with
Dr. Le Fevre.
Worked in laboratory in
the afternoon & evening.

SAT. 15. Ther. Weather,

House work.
Laboratory in afternoon
Read in the evening.

SUN. 16. Ther. Weather,

Trinity Sunday.

S.S. Church a.m.
Read in the afternoon
Church in the evening &
read aloud.

MON. 17. Ther. Weather,

Home work - wrote to Mother
& on paper.
W.C.T.U. Comm. to Delegates
with Petition. Stopped
at Mission to tell Miss
J. about meeting.
Daniel Withrington called in the
Evening.

TUES. 18. Ther. Weather,

Wrote on paper a little
Called on Miss Johnson -
Wrote on paper P.M.
Mr. Davison here to
arrange for Fred to go and
see his father. Fred went
to Coronado for me, W.C.T.U
work,

Margaret.
1875

WED. 19. Ther. Weather,

Fred. went to bring
Mr. Darwin in to
town -
Mr. Smith in - & Mr.
Kirby -
Fred played chess until
late -
Wrote on paper -

THUR. 20. Ther. Weather,

Corpus Christi.

High School exercises
in the afternoon
Wrote on paper all
the evening -
Fred played chess -

FRI. 21. Ther. Weather,

Not well to-day.
Medical meeting in the Evening - read my paper
Dr. Edwards also read a paper.
Annie here in the afternoon.
Children went to a party.

SAT. 22. Ther. Weather,

At home most all day
Saw Dr. Hulbert just before tea.
Call from Miss Johnson

SUN. 23. Ther. Weather,

S.S. Church A.M.
Read in the afternoon
Church P.M.
Call after church.

MON. 24. Ther. Weather,

Church A.M.
Call on Mrs. Pettingell from Newburyport
Read a little
Meeting of Council in the evening.

TUES. 25. Ther. Weather, Lizzie's wedding day.

W. C. T. U. in the afternoon

WED. 26. Ther. Weather,

W. C. T. U work in the Evening.

THUR. 27. Ther. Weather,

Church entertainment in the evening at the Tremont House.

● FRI. 28. Ther. Weather,

Childrens School Entertainment in the afternoon

SAT. 29. Ther. Weather,

Not feeling well but
some W.C.T.U. work

SUN. 30. Ther. Weather,

S.S. & Church A M
Up to see Nell after
tea -
Dr. Davis in in the
afternoon. & Dr. Burnham
Church in the evening.

MON. 1. Ther. Weather,

County Hospital with Fred.
Medical work
W. C. T. U work.

TUES. 2. Ther. Weather,

W. C. T. U. in the afternoon
Alderman in the evening
refused to take petition
off of the table.

X

WED. 3. Ther. Weather,

Worked with W. C. T. U. for the lunch -
Called to see Mrs. Nutt
in the afternoon -
Spent the night with
her, but she quieted
down all night -

THUR. 4. Ther. Weather,

Came home about nine
& worked all day at the
Lunch.
Fred went on the Judges
boat to see the races -
Yachts from San Francisco
here.
Jennie Hurlbut to see me
about Jane having run
away.

FRI. 5. Ther. Weather,

Cleared up to-day in the morning.
Medical work P.M.
Med. Society in the evening.

☽ SAT. 6. Ther. Weather,

Rested most of the day
Fred. went with Dr. Burnham to circumcise a boy at the nursery.

SUN. 7. Ther. Weather.

S.S. Church A.M.
Annie's in the afternoon
but not at home.
Call on Mrs. Endley (Norwalk)
Church P.M.

MON. 8. Ther. Weather, Rainy early A.M.

Read & rested all day
not feeling well.
David & Mrs. Smith in
until 11.30 P.M. talked &
talked.

TUES. 9. Ther. Weather,

Home work. Medical work
a.m. Cousin Hannah
in –
Stickney
Mrs. Emma Sister
W.C.T.U. in the afternoon
Led. at Class P.M.
Went to Chinese School.

WED. 10. Ther. Weather,

Wrote letters to-day &
did some medical
work.
Slept all the evening –

THUR. 11. Ther. Weather,

FRI. 12. Ther. Weather,

SAT. 13. Ther. Weather,

SUN. 14. Ther. Weather,

S. S. Church – a.m.
Read P.m. –
Church –

MON. 15: Ther. Weather,

Made calls a.m.
Medical work P.M. -

TUES. 16. Ther. Weather,

Head ache all day.
Salt water bath P.M.
Fred. wrote on Secretarys
letter for me.

WED. 17. Ther. Weather,

Rode with Mrs. Nutt a little while.

THUR. 18. Ther. Weather,

Rode in Dr. Le Ferris buggy a.m.
W.C.T.U. Comm. work p.m.
Fred. read me to sleep.

☾ FRI. 19. Ther. Weather,

Housework. a.m.
S.S. Chapter in the after-noon. Calls.
Med. Soc. in the evening but no meeting.
Called to Mrs. Cornell at 11. Baby born at 12-10
(Barbara)

SAT. 20. Ther. Weather,

Med. calls a.m.
Slept a little - & calls
Called on Mrs. Levi
after tea -

SUN. 21. Ther. Weather,

S.S. Church.
Medical call.
S.C.E. with Miss Knox at 6.30
Chinese mission.

MON. 22. Ther. Weather,

Medical call.
Called on Sarah Hodge &
Amelia.
Worked on accounts in
the afternoon.

TUES. 23. Ther. Weather, Close -" 81

Medical calls.
Called on Miss Churchward
W.C.T.U. in the afternoon
Went to mother in the
evening

WED. 24. Ther. Weather,

Dressmaker.
Medical calls.
Miss Churchward & Mrs.
Stockton called. Miss
Eagen & Mrs. Sanford.
Robert's finger hurt.
Fred read a little while
to me.
Worked on bonnet.

THUR. 25. Ther. Weather,

Dressmaker. Sewing -
Tremont House to help on
dishes - Baby Bonnet at the
Exchange -
S.S. Chap. Social.

FRI. 26. Ther. Weather,

Errand at Mrs. Dawson's.
Stopped at Amelia's for
flowers.
Called on Mrs. Stedman
whose baby has just died
Washed - Funeral at 2.30
S.S. Chap. Errands -
Dressmaker -
Amelia & Nell called.
Fire in the evening.

● SAT. 27. Ther. Weather, HOT

Decorating Church A.M. & part of P.M.
Mrs. Switzer took me to make medical calls
Mrs. Knapp. home to tea with me

SUN. 28. Ther. Weather, HOT

S.S. Church. A.M.
Read to children in the afternoon.
Church at 6. to replenish flowers.
Memorial services.

MON. 29. Ther. Weather,

At 7.30 went to take down the decoration.
Home-work.
Sail with the Stones in the afternoon.
District School in the evening. Dr. Magee-Master

TUES. 30. Ther. Weather,

Up late. Call with Dr. Le Fevre in the morning.
W.C.T.U. P.M.
Dr. Davis in in the evening.
Fred. Called at Sarah Hodge's to find Frank to borrow horse.

WED. 31. Ther. Weather,

County Hosp. in the morning.
Molly staid at Annie's all day.
Rode out with Miss Kittie in the afternoon.
Went to hear band play for a few moments

THUR. 1. Ther. Weather, Dr. Emma

Calls in the afternoon with Miss Kittie
Read a little & went to Chinese School in the evening.
Medical meeting.

FRI. 2. Ther. Weather,

Medical work.
S.S. Chap. & calls in
the afternoon.
Medical meeting P.M.

SAT. 3. Ther. Weather,

Medical work. A.M.
Read a little.
Med. Coll.
Childrens bath & walk
with Mrs. Berry P.M.

☽ SUN. 4. Ther. Weather,

S.S. Church A.M.
Chinese S.S. P.M.
Y.P.S.C.E. with Miss Kitty
to hear Mr. Silcox in the
evening.

MON. 5. Ther. Weather,

Constance here to spend
the day. Home work.
Work for Dr. Gochenaur
Read. went out for a little
while - wrote & read.
Walked after tea - and felt
badly afterwards.

TUES. 6. Ther. Weather,

In bed until 12.
Amelia in in the afternoon
Mrs Bagley in to see me
about an unfortunate girl
Mrs. Carter here a little
while -
Mrs Bagley & the girl
called in the evening &
I went to see Mrs. Dorkis, at Hotel - 339
with her - Home at 11.

WED. 7. Ther. Weather,

Miss Churchward in a
little while for medicine
Mrs Sherman in -
Call at Mrs. Mills after
dinner - Nursery meeting.
Call at Mrs. Sherman's
Chinese School in the
evening.
Fred. home late.

THUR. 8. Ther. Weather, Charlie Rogers

Started to wash. Mrs. Smith called. Then Mrs. Sherman. Note from Dr. Edwards to go to a P.M. Fred and I went.

Finished washing after dinner.

Called on Mary Bubenik and at the Nursery.

FRI. 9. Ther. Weather,

Medical work all day.

Chamber of Commerce reception with Mrs. Davis. in the evening.

SAT. 10. Ther. Weather,

Med. calls. Out to see Parade in the afternoon.

SUN. 11. Ther. Weather,

S.S. Church. Rested in afternoon. Called to see Mrs. Cowaley. Mrs. Nutt called in the afternoon & Mr. Nutt came for me at 1. a.m.

MON. 12. Ther. Weather, Baby born about 5.

Home about 10 - Called on Mrs. Coanly.
Rested in the afternoon
Spent the evening with Mrs. Rice.
Called at Mrs. Truitts in the afternoon

TUES. 13. Ther. Weather,

Called at Mrs. Truitts -
W. C. T. U. for a few moments
At Mrs. Coanlys at 4 P. M with Fred.

WED. 14. Ther. Weather, Hot -

Mrs. C's baby born at 1.
Rigid Os. which contracted
after dilation was almost
complete. Very hard labor.
Home at 4. a.m.
Med. calls in the morning
Mr. MacKown in in
the afternoon. much
worse. Called on Mrs. C.
doing finely.
Dr. Smart in in the evening

THUR. 15. Ther. Weather, Hot -

Mrs K. & children
went to picnic.
Mrs. Conley doing well -

FRI. 16. Ther. Weather,

Med-calls - Telegram from Mrs. Horner - Call on Mrs. Nutt after tea - Medical Society -

SAT. 17. Ther. Weather,

Medical calls - Annie not well with bad cold - Med. calls after tea.

SUN. 18. Ther. Weather,

S.S. Left to call on Mrs. Conley - Church a.m.
Med. calls -
Church P.m.

MON. 19. Ther. Weather,

Med. calls.
Rested in the afternoon.
Med. work after tea.
Robert not well.
Called at the Restarists at night.

School. Kindergarten - Opened.

IVL

TUES. 20. Ther. Weather.

Robert in bed all day but all right at night.
Med. calls.
Mr. MacKoon in at night. Called at the Rislaticks twice.

WED. 21. Ther. Weather,

Med. work all day.
My first surgical case in San Diego.
Rislaticks better.
Made eleven calls to-day & saw three office patients

THUR. 22. Ther. Weather,

Made calls in the morning -
Called at Mrs. Turners
Robert & Morley went to Kindergarten - .
Called on Miss Parker -
| Kindergarten teacher

X

FRI. 23. Ther. Weather,

Med. calls a.m.
Pictures at noon -
Mrs. Mott's after dinner
consulted by Mrs. Preston
S.S. Chap.
Call from Mrs. Willett
of Alpine - very nice old lady -

SAT. 24. Ther. Weather,

Med. calls A.M.
Post mortem with Drs.
Edwards & Le Fevre.
Med. calls. Mrs. Pettin-
gell. had Mr. P's buggy
& horse.
Dinner at Mrs Eigenmann
Down town with Miss K.

SUN. 25. Ther. Weather,

Med. call before S.S.
S.S. Church a.m.
Call at Mrs. Mills after-
noon. Miss McClean nurse
brought me home.
Church to hear Mr. Silcox
in the evening.
Med. call.

MON. 26. Ther. Weather,

Went to School with
Mosely & Bert & made
Med. calls afterwards.
Med. calls P.M.
Annie & children in in
the evening.
Fred. busy with patients.

TUES. 27. Ther. Weather,

Med. calls. Dressmaker –
Mauling.
W.C.T.U. –
Nationalists club in the
evening –

WED. 28. Ther. Weather, Nicholas " 85

Med. calls a.m.
Wrote all the afternoon
Fred. met Glockler at
Dr. Davis' office in the
evening-

THUR. 29. Ther. Weather,

Med. calls a.m.,
Developed pictures at Mr.
Eigenmanns in the
evening.
Miss Osgood & her mother
called.

Tues. Sept. 3. AUGUST, 1889.

~~FRI. 30.~~ Ther. Weather,

Drove Annie home and
had horse for Med. calls.
Nap after dinner-
Mead work. Drove Vini
Hartwell home-
W.C.T.U. Social P.M.
Mr. & Mrs. MacKoon in in
the evening.

SAT. 31. Ther. Weather, Fanny Little

Home work in the
morning.

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SUN. 1. Ther. Weather,

S. S. Church. Mrs. Knapp in to dinner -
Med. calls in the afternoon
Miss Kittie sick at night -
after her trip to Chinatown

MON. 2. Ther. Weather, 1880 Harry Wallis

Med. calls A.M.
Post mortem P.M.
Med. work in the after-noon.
Mrs. Hurlbut & Jennie in after tea of Newburyport.
Mrs. Pearson called in the afternoon -

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~~TUES. 3.~~ Ther. Weather,

Dressmakers. Med. call at Mrs. Van Hooks baby hurt. Called at Molly's school in the afternoon with Robert.

Bible Class. Down town with Mamie Stone.

WED. 4. Ther. Weather,

Med. call. Mr. & Mrs. Mac Koon here all the morning.

Drove Vini Holbrook to Mrs. Pearsons.

Went down to hear band.

THUR. 5. Ther. Weather,

Med. calls.
Wrote letters all the eve.
Visited Middletown school.

FRI. 6. Ther. Weather,

Housework A.M.
Bible class.
Call from Insurance
people & joined the
United Endowment Assoc.
Went to Med. meeting but
it failed to materialize
called on Dr. Le Fevre.

SAT. 7. Ther. Weather,

Took children with me
to call on the Mills -
Called to the Restaricks.
baby better, arthur cold again -
Called at Mrs. Mills -
Out to Mary's Burbank at 9 P.M.
Baby born at 8 P.M.
Home at 11 P.M -

SUN. 8. Ther. Weather,

Out to Mary's early -
S.S. Church.
Went to the Restaricks
after tea & on to the
Mills -
Slipped in hole & shook
me up.
Church -
Dr. Smail here all the
evening.

🌕 MON. 9. Ther. Weather,

Out to see Mary Bubcinck
head. & backache -
Medicine sick -
Rested all the afternoon

Painted back with Tr. Iod. -

TUES. 10. Ther. Weather,

Out to Mary's early
Back hurt badly -

WED. 11. Ther. Weather,

Out to Mary's.
Mrs. Rice brought me
in part way.
On the lounge rest
of day.
Hand numb.

THUR. 12. Ther. Weather,

No calls outside.
U. E. A. in the evening.

Felt badly at night.
Awoke with severe
pain in eyes.

FRI. 13. Ther. Weather,

Sick, went to Cayuse to day
Staid on lounge all
day.

SAT. 14. Ther. Weather,

In bed all day.
Blister

SUN. 15. Ther. Weather,

In bed.
Lots of callers.
Blister dressed.

☾ MON. 16. Ther. Weather,

In bed.

TUES. 17. Ther. Weather,

In bed -

WED. 18. Ther. Weather,

In bed.

Mountain fires made it intensely hot.

THUR. 19. Ther. Weather,

In bed.
Eyes better. read a little.

FRI. 20. Ther. Weather, M.C. Baker." 83

Up to dinner. Carlota &
Isabel here to tea with
Molly.
Mamie Stone down to tea
too.
Annie here from Isabel.
I took Mamie home.

Sat. 21. Ther. Weather,

Up after dinner -
Mrs. Miels in with
baby -
Mrs. Turner called -

Sun. 22. Ther. Weather,

Up all day -
Patient in the morning -
Not well at night.

MON. 23. Ther. Weather,

Not as well to-day
Up after dinner -
Call from Mrs. Hosmer

Callers in the afternoon -
Wrote a little in the evening -

Received papers from Norwalk to-day.

TUES. 24. Ther. Weather,

Up at dinner time -
Some work in afternoon
Dr. Smart called in the evening.

WED. 25. Ther. Weather, Hot-!!

Wind came up about 10 in the night. Dust horrible - Alarm of fire about noon bush for 15-20 miles on fire & came close to town. Wind changed direction about 2 P.M. -

Up after dinner - We all suffered from heat & dust.

Letter from George.

THUR. 26. Ther. Weather, Hot,

In bed all day.

Slept all the morning

FRI. 27. Ther. Weather,

In bed all day
Read most of day

SAT. 28. Ther. Weather,

Up after dinner -
Rested in chair rest of
day.

SUN. 29. Ther. Weather, C.E. Rogerson.

Up at dinner time -
Wrote to Mother &
Dr. Mosher -

MON. 30. Ther. Weather,

Up after breakfast -
Patients to-day - Mrs. Marston's mother Hattie
Read in the evening
Ind went to Mrs. Currie's
Golden Wedding but I was
not able to go.

☽ TUES. 1. Ther. Weather, Aggie Mitchell

In bed until dinner time.
Read all day
Miss Kettle went to Mrs. Lacey Miss Noble's wedding in the evening.
Annie's family sail for America in. Call from Mr. & Mrs. Smith.
Dr. Stuart in until late.

WED. 2. Ther. Weather, E. M. M, 1846

Fred. went to County Hosp.
Up at dinner time.
Frank here for Fred.
Fred. home about 2.
Took Miss K. with him to Annie's.

THUR. 3. Ther. Weather,

Up after dinner.
Lid. went out to County
Hosp. at night –
Read all day –

FRI. 4. Ther. Weather, Aunt Le. 1829

In bed all day.

SAT. 5. Ther. Weather,

Read all day
Dinner from Mrs. Mills

SUN. 6. Ther. Weather,

In bed all day
Call from Mrs Stone

Another Blister

OCTOBER, 1889.

MON. 7. Ther. Weather,

Fred. went to County Hosp-
Two patients in-
In bed all day.
Dr. Smart in at night -
Letter from Mr. Fred. Vandercook.

🌕 TUES. 8. Ther. Weather,

In bed -
Electricity at night

WED. 9. Ther. Weather. Rain?

In bed.
Mrs. Hosmer here about four.
Mamie Stone here quite a time

THUR. 10. Ther. Weather.

Up at 10 A. M. and in green chair all day

Fri. 11. Ther. Weather,

Up at dinner time
Callers all day. 22
Bed right after tea
Miss Bagley in to call.

Sat. 12. Ther. Weather, Rain.

Up after dinner -
Exam. one patient
Bed right after tea.
Mr. McKoon in in evening.
Mrs. Hosmer at Dentists
Dr. Edwards in in afternoon

SUN. 13. Ther. Weather, Rainy

In bed all day.
Hardest rain for this
time of year for years.

MON. 14. Ther. Weather, Al Baker.

In bed all day.
Read & had callers.
Mrs. Hosmer in at night.
Quinine gr. X
Agnes fell & hurt her head.

TUES. 15. Ther. Weather,

In bed all day
Blister + Quinine gr. XII
Fred. called up at Annie's
to see Agnes – Better —

☽ WED. 16. Ther. Weather,

In bed. Quinine gr. IV –
Sick until after dinner
Mr. Restarick called.
Annie + Agnes down for
medicine

Temp. varied only 1/5

THUR. 17. Ther. Weather, Fine

In bed all day
Callers-

1 p.m.
[illegible] 99 1/5 -

FRI. 18. Ther. Weather,

In bed
Call from Mrs Horners-

SAT. 19. Ther. Weather,

In bed all day

SUN. 20. Ther. Weather,

In bed all day.
Dr. Smart in at night -

MON. 21. Ther. Weather,

Fred. carried me out & I sat in green chair all day-
Mary S. took Robert down town but couldn't get pictures taken-

TUES. 22. Ther. Weather, Mother - 60

Robert had his pictures taken to-day- Wrote to Mother-

WED. 23. Ther. Weather,

up after dinner.

● THUR. 24. Ther. Weather,

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FRI. 25. Ther. P. Weather,

Mr. Bella Mar Koon in to-day & left for Los Angeles at 9 P.M. Much better.

Felt better to-day.

SAT. 26. Ther. Weather,

Call from Dr. Brown & Dr. of San Francisco

SUN. 27. Ther. Weather,

MON. 28. Ther. Weather,

TUES. 29. Ther. Weather,

Call from Mrs. Sinker
about W.C.T.U. work.

WED. 30. Ther. Weather,

Mr. Ryan in in the
Evening & played chess
with Fred.
Call from W.C.T.U. ladies

☽ THUR. 31. Ther. Weather,

Dr. Stuart in & played chess - with Mr. Ryan -

FRI. 1. Ther. Weather,

Medical meeting Led. went & did not get home until 11.

SAT. 2. Ther. Weather,

SUN. 3. Ther. Weather,

Mon. 4. Ther. Weather,

Tues. 5. Ther. Weather,

First time I walked into
Office alone with cane
Mrs. Hurlburt here all
day.
Mr. Eigenmann took picture
of the house.

WED. 6. Ther. Weather,

Mrs. Seitzer & Mrs. Foote & Mrs. Warner here about W. C. T. U. work - we are all much worried about the work -

🌕 THUR. 7. Ther. Weather,

Letter from Lizzie
Mrs. Knapp here in the evening -

FRI. 8. Ther. Weather,

Mrs. Knapp here to dinner
came to tell me of Dr.
Adams sickness.
^ of Newburyport. Sister Molly's
doctor in 1863

SAT. 9. Ther. Weather,

Took Mrs. Adair to Hosp.
Call from Mr. & Mrs. Beaver
of Keystone

SUN. 10. Ther. Weather

S.S. children in to see me.
Robert not well all day but better towards night.

MON. 11. Ther. Weather,

Robert better but did not go to school.

TUES. 12. Ther. Weather,

Went out to ride to see
a sick baby.

WED. 13. Ther. Weather,

Rode out twice to-day.
Call from W. C. T. U. people -
Mrs. Bennett in -

THUR. 14. Ther. Weather,

Out to ride twice
Fred. staid all night
with the baby.

FRI. 15. Ther. Weather,

Staid all day with the
sick baby. Magby
Miss Bagby in in the
evening.
Fred. staid all night with
the baby.

SAT. 16. Ther. Weather,

Fred home about nine -
baby some better.
Went with Fred. in the
afternoon to see the baby
Fred down late at night
to see the baby

SUN. 17. Ther. Weather,

Out to see baby in the
morning.
Patient with eye trouble
Miss Gleason called & Mrs.
Nadeau.
Mrs. Knapp in a little
while

MON. 18. Ther. Weather,

Changed baby in the morning & went out in the afternoon when baby was much more feverish Fred. out in the evening baby better.

TUES. 19. Ther. Weather,

Baby about the same went out about 4 P.M. & left him the same.

WED. 20. Ther. Weather,

Out to see baby in the morning.

THUR. 21. Ther. Weather,

Baby very feverish & tendency to convulsions.

FRI. 22. Ther. Weather,

Medical work all day
Op. in afternoon -
Spanish in the evening

SAT. 23. Ther. Weather,

Office work all day.
Out to see baby late in
the afternoon -
Drs Davis & Smart in in
the evening.

SUN. 24. Ther. Weather,

Calls a.m.
Went out to Fabius at 3.
Fred. came at five.
Fred. staid all night.
Miss McClum staid with me.

MON. 25. Ther. Weather,

Rode out to see patient at Chollas Vally & to see the Baby Home at noon.

Mrs. Pearson came in to see me about Vini

TUES. 26. Ther. Weather,

Medical work -
Bed at 7 P.M.

WED. 27. Ther. Weather,

Medical work.
Saw Mrs. Hurlburt
at night.
Dr. Sargent in for
Spanish in the evening

THUR. 28. Ther. Weather,

Baby failing, out at 9 A.M.
Call from Dr. Park after dinner.
Turkey dinner.
Wrote to Mother.
Dr. Smart in for Spanish.

☽ FRI. 29. Ther. Weather,

Out to see baby.
Medical work all day -
Out to baby in the afternoon.
Kindergarten afternoon

SAT. 30. Ther. Weather,

Call to Pfahlis at 3. a.m.
Fred. went & I went on
first car. Baby born at
10 a.m. Went to see baby
& found him dying. Died
at 3.30 P.M. [Magley]
Dr. S. in but no Spanish
Bed. Early

SUN. 1. Ther. Weather,

Advent Sunday.

Went to see Mrs. Magley.
Went to Oldtown at 2 P.M.,
& operated on an old lady for
irritable caruncle.
Went to bed early.

MON. 2. Ther. Weather,

Medical call after breakfast & patients in before dinner -
Rested a little in the afternoon.
Dr. Smart in for Spanish.

TUES. 3. Ther. Weather, Geo. Baker

Called at Pfahlers - & dressed the baby. Home & patients in until dinner time. Read a little in the afternoon & medical work. Dr. S. in in the evening. wrote introduc. note to Dr. Adams.

WED. 4. Ther. Weather, E. & N.W. '52

Mr MacKoon came in ~~th~~ to be operated upon and got through all right.

Cleaned up a little & after dinner called on Mrs. Pfahler.

Wrote to Lizzie & on Mothers letter.

Amelia & Grace in the Eve.

Card from old nurse Mrs. Henderson

Fred. went in to see Restarick baby.

THUR. 5. Ther. Weather, clear.

House-cleaning all day. Called at Mrs. Pfahlers at noon.

Restarick baby much worse - two spells to-day.

Went in with Fred. after tea

FRI. 6. Ther. Weather, Rainy

Dinner at Mrs. Cooks.
Finished house-cleaning
Called at Mrs. Pfahlers?
in the afternoon.

🌕 SAT. 7. Ther. Weather, Pleasant.

Patient in in the morning.
went to see Mrs. Pfahler in the
afternoon.
Mrs. Magley called.

SUN. 8. Ther. Weather,

S.S. Church.
Over to see baby in the afternoon.
Church in the evening
ran in to see baby.

MON. 9. Ther. Weather, Rainy

At home a.m.
Medical calls in the afternoon.
Dr. Smart in the evening
Mrs. S. called after the concert.
Fred. went down to Pfahlers.

TUES. 10. Ther. Weather,

Medical work - most of the day.
Bed early.
Dr. Smart in for Spanish.

WED. 11. Ther. Weather,

Spent the day with Mrs. Nutt.
Spanish in the evening.

THUR. 12. Ther. Weather,

Medical work a.m.
Cut out pants.
Call from David & Withington in the evening.
Mr. MacKoon in & doing well.

FRI. 13. Ther. Weather, Rainy

Med. calls a.m.
Mrs. Hurlburt in to tell about Vinnie.
Up to Mrs. Carlins in the afternoon.
Molu in the evening
Dr. Sumach in — I went to sleep over lesson

SAT. 14. Ther. Weather, Rainy

Rained all night & all day - Fred. called to Mr. Gormans at about five - Home at noon & made calls - Back again - Home at 8. P.M. Dr Smart in -

SUN. 15. Ther. Weather,

Rained all night & at times through the day Washouts all around. Bridges washed down on all streets but H & K - Went with Fred. to make calls in the morning - Read in the afternoon Church in the evening & in to see the baby.
Child from Key Stone Ave

MON. 16. Ther. Weather, Fine.

Errands & patient A.M.
Call from Mrs. Hamilton
& Mamie Stone

TUES. 17. Ther. Weather, Threatening.

Patient in, child with cut
face.
Mrs. Brown in too.
Fred. took Miss K. to ride
out into the country.

WED. 18. Ther. Weather,

Work A.M.
Church in the evening.

THUR. 19. Ther. Weather,

No patients in Office -

FRI. 20. Ther. Weather,

Work all day
Med. Soc. in the evening
wrote to Mother -

SAT. 21. Ther. Weather,

Rode to see patients
Mrs. Mutt sic + began to
feed baby.
Patients all day -
Completed Book Club
9 members -

X

SUN. 22. Ther. Weather,

S.S. Church.
Read in the afternoon
Church in the evening.
Went to see baby.

Rained at night.

MON. 23. Ther. Weather, Rainy

Cleaned oil stove &
read all day
Call from Mrs. Knapp.

TUES. 24. Ther. Weather, Rainy

Wrote & Read.
Call from Mrs. Matfield & Mrs. Restarick
Cleaned Chickens & read Spanish with Dr. Smart.
Present from a friend -

WED. 25. Ther. Weather, Rainy

Christmas.

Children had presents after breakfast. Church at 11.
Mr. Ryan in to dinner.
Mame & Bessie down in the afternoon.
Went to Chinese Mission in the evening.

Thur. 26. Ther. Weather, Rainy

Wrote a little. Called to Bennetts at supper time - staid all night.

Fri. 27. Ther. Weather,

Home after breakfast & wrote a little, down again after dinner. & after tea - all quiet so came home.

SAT. 28. Ther. Weather, Fine

Sewed a little and called to Bennetts at 11.
Baby born at 1.
Mr. + Mrs. MacKoon in for a short time
Mrs. Whitiford in late.
Drs. Davis + Magee in in the evening.

☽ SUN. 29. Ther. Weather,

S.S. Church.
Call on Patient.
Church in the evening.

MON. 30. Ther. Weather,

Xmas- festival at Hall in the evening.
Called on S.S Scholar - & found her getting better -
Med. call in afternoon

TUES. 31. Ther. Weather, Muddy.

Mrs K. & children went with me to make med. calls in the morning.

Nurses Addresses.

Sarah Cowgill
1169 6th Street

Marah E. McClun
Day Nursery

Mrs. Martha Logan
Cor. 6th & D.

Mrs. Henderson -
Alpha Home
6th Street.
Bet. G. & H.

Mrs. Boland -
East Side Union.
Bet. A. & Ash. -

Miss Anna Hayton -
Geneva House
4th Bet. A. & B.
Rooms. 32 & 34.

Mrs. Adair -
Cor. I + 10th Sts

Mrs. Hurlburt -
Milton Ave.

~~Mrs. Noah Morgan~~ - (colored)
C St. Bet. California + Arctic.

Miss C. E. Hosmer.
Cor. 17th + L.

Mrs. Lathrop

Mrs. Leland -
At ~~Mrs. Dr. Sheldon~~'s -
Hospital

Mrs. W. S. Judd -
North San Diego -
Care C. W. Judd -
Mr. Jones can direct —

Mrs. E. H. Smith
Pickwick House
4th bet. C + D - Room 7

Miss M. A. York. 754. 14th St.

$12. ~~Vermont House~~

Mrs. C. L. Abbee.

3rd Ave. Nat. City

Box 92.

Mrs. W. F. Allen -

28th & Nat. Ave.

Mrs. Whitmore - G. A.

Enquire of Mrs. Churchill's

— Brunswick —

Black Mountain. Telephone at

Del Mar.

Mrs. King.

918 E. St.

$12.

Mrs. Smith — (coloured)

Cor F. & Illinois =

Mrs. Clara Douglas.

822 State St.

"Last Resort".

Mrs. Forte

45 16th St.

Miss Miles -

"Good" 1158? 4th St.

186

Mrs. Copeland –
At Mrs. Weiland

Mrs. Dr. Barber –
255 16th St.
$10. without cooking –

Mrs. Kate Black –
1730 D. St.

Mrs. Nathl Matthews
1051 Front St.

Mrs. Rogers.
1730 D. St.

Mrs. Ruby.
5th St. "Fire Dept."

Mrs. Neff
Allison 10th St.

Mrs. Hurlbut
444. 10th "

Callers

1, Mrs. Matfield - ✗
2, " Sculte
3, Annie Hodge - ✓4/30
4 Mrs. Scritzer
5. " Might
6, " James
7. " Pettingell. ✓
8. " Dodge.
9, " Morse
10, " Farrier ✓ ✓
11, " Hubert. ✓ ✓
12, " Stevens ✓4/30
13, " Gerrish 640, 8th
14, " E. Baker - 913, 19th
15, Miss Woodward 3/26
16. Mrs. Stockton ✓4/30 ✓
17. Mrs. Mayer. ✓ ✓ ✓
18. Mrs. Davy.
19. Sarah Hodge ✓3/14 ✓
20 Mrs. Keating. ✓3/26
21 Mrs. Bailache 4/23 ✓
22. Mrs. Hall. ✓3/11
23. Mrs. Yemans.

24 Mrs. Whitmore -
25 Mrs. Aylesworth -
26 Mrs. Haught -
27 Miss. Churchward ✓3/26
28 Mrs. Emdley ✓3/26
29. Mrs. Dr. Woodruff. ✓4/16 {Lucy K's Aunt}
30. Mrs. York. ✓8/2 ✓
31 Mrs. Roe ✓4/4
32 Mrs. K. J. Ware - 642 11th
33 Mrs. Wm. Sherman 22 & H ✓8/1
34. Mrs. Rogers. ✓8/1
35 Miss Eagen - Mrs. Sanford - 20 & 9.
36. Mrs. Kirby -
37. Mrs. Tandy ✓
38. Dr. Blakeslee - 28 & Boston Av.
39. Mrs. Strong
40. Mrs Dalton
41. Mrs. Steadman

Social S.S. Chap. June 25

Mr. Ackerman - Pd.	.50		
Mrs. Myra Churchward. Pd.	50		
" "	Pd. 50		
Miss Stevens			
Mrs. Kirby			
Mrs. Stockton	Pd. .50		
Mr. Chase	Pd. 50		
Miss Stone			
Mrs. Redpath	Pd. 50		
Dr. Baker	Pd. .50		
Miss Moore	Pd. .50		
Mr. Restarick	Pd. .50		
Mrs. Lightner	Pd. 1.00		
Napkins			.30
At door.		17.70	
Cake		1.60	
Ice Cream -			10.
Rent of Hall			3.50
		24.80 -	13.80
Bal. - July 26			11.50
		24.80	24.80

Mrs. Cooks -

卌 卌 卌|||| = 6.65

Dec. 17. Pd. $5. Pd - 165 Dec. 23 = 6.65

Poor People to be looked up –

Mrs. Ada Estis –
Cor. K. & 8th #1701
Has pets for sale –

CASH ACCOUNT.

Date.		Received.		Paid.	
	On hand	2	50		
Jan 3	Vegetables -				15 ✓
4	Diary$^{.40}$ - Wick$^{.05}$				45 ✓
	Milk -				20 ✓
	Mother	1			
5	Vegetables				10 ✓
7	Oranges$^{.20}$ Vegetables$^{.20}$				40 ✓
7	Washing^{1} - Pan$^{.35}$			1	35 ✓
9	Ribbons$^{.05}$ - Elastic$^{.05}$				10 ✓
11	Scouring Ball				50 ✓
	"Bee" bill			4	15 ✓
12	Vegetables -				15 ✓
	Mother	5	25 ✓		
	Hat for Fred.			3	50 ✓
	Soap -				25 ✓
	Check	4	15 ✓		
14	Cash Mother	3 ✓			
	Drugs -				10 ✓
	[illegible] -				35 ✓
	Elastic				10 ✓
	Drugs -				05 ✓
15	Meat$^{.70}$ - Vegetables$^{.35}$			1	05 ✓
17	Chopping ha, &c				55 ✓
	Drugs -			2	75
	* Forward	13	90	16	25

CASH ACCOUNT.

Date.		Received.		Paid.	
17	Forward	15	98	16	25
	Cash. Mother	10 ✓			
	Check. (med.) Mrs. Stone	10 ✓			
	Coffee 35				25 ✓
	Washing			1 ✓	
	Pot .25 Butter 1. Eggs .25			1	50 ✓
	Bean-pot .25 - Flour 1.40			1	65 ✓
18	Car-fare -				30 ✓
	Vegetables .10				10 ✓
19	Meat .30 - Coal 3.25			3	55 ✓
	Milk 1.20 -			1	20
	Cash - Med. Acct.	7	50 ✓		
20	Carfare .15 Church .10				✓ 25
21	Meat .25 - Bread .20				45
	Cash - Med. Acct.	10 ✓			
22	Beanpot .10 - Prunes .25				✓ 35
	Meat				50
23	Prov. .35 Drugs .25				60
	Glue .20 - Oranges .25				45
26	Meat .75 Prov. .55			1	30
	Milk			1	05
	Cash Med. Acct	5			
	Car-fare .35				35
19[illegible]	Forward	58	40	31	2

CASH ACCOUNT.

Date.		Received.		Paid.	
	Forward	58	40	31	20
	Cash - Med. Ack.	2			
27	S. Chest				07
28	Apples 1.65 - Eggs .25			1	90
	Cocoa .50 Tapioca .10				60
29	Lobster .15 Oysters .75				90 ✓
	White goods 1.80 Silk &c .90			2	70 ✓
	Potatoes .25 - Chantilly .10				35 ✓
	Cash - Mother		.15 ✓		
	Washing			1 ✓	
31	Boots C.J.B		50 ✓		
	Cash Mother				50 ✓
	" "	12 ✓			
	Rent			12	50 ✓
	Butter .50 Stamps .71			1	21 ✓
	Meat .35 Envelopes .25				60 ✓
	Lettuce .05				05 ✓
	Morning			3	77 ✓
		73	05	37	35
	Balance			15	70
		73	05	73	05

CASH ACCOUNT.

Date.		Received.		Paid.	
Feb. 1	On hand			15	70
	Meat		15		
	Sugar	1			
	White goods		05		
	Cash - Mother				05
	Carfare .25 - Pork .15		40		
	Cash - Mother				15
2	Drugs.		25		
3	Prov. for A.B.		45		
4	Meat .35 - Washing 1.	1	35		
5	Carfare .15 Coffee .35		50		
	Cash Mother			1	
	Milk .15 - Meat .25		40		
	Lard - Rolled O. Rice	1	20		
	Cash Mother rent			33	10
	Rent.	32	50		
6	Carfare		10		
7	" " .35 Trip 1.	1	35		
	Cash Mother			3	
	" "			1	
8	Vegetables .25 Prov. .65		90		
	Potatoes 1. Carfare .05	1	05		
	Forward	41	65	54	0

CASH ACCOUNT.

Date.		Received.		Paid.
Feb.	Forward	41	65	54
9	Car-fare.		40 ✓	
	Prov. .15 Car-fare .10		25 ✓	
10	Church .15 - Carfare .25		40 ✓	
11	Washing 1. Drugs 4.50	5	50	
	Car-fare		20 ✓	
	Cash Mother			90 ✓
12	Meat .50 - Advertising 3.	3	50 ✓	
	Molasses .20 Sugar etc 2.[illegible]	2	85 ✓	
	Carfare .25		25 ✓	
13	Suspenders .75 Suit 17.	17	75 ✓	
	Carfare .15 Prov. .25		40 ✓	
	Shoes 3.85 - Pattern .25	4	10 ✓	
14	Carfare .25 Meat .30		55 ✓	
	Persimmons -		90 ✓	
15	Mrs. Adair.	1	✓	
	Carfare .05, Literature .40		45 ✓	
16	Meat .60 Cake .45	1	05 ✓	
	Prov. bill de Zeyk	5	95 ✓	
	Charity .05 Milk .20	1	25 ✓	
	Chimney .15 Carfare .10		25 ✓	
17	Carfare .05		05 ✓	
	Forward	88	70	144

CASH ACCOUNT.

Date.		Received.		Paid.	
	Forward	144		88	70
18	Carfare .20 - Prov .80			1 ✓	
19	Bread .50 Prov .35				85 ✓
	Mending sign				25 ✓
	Cash Mother	1	90		
	Meat .50				50
20	Literature .25 - Paper .60				90
	Coal 3.25 Drugs 1.30			4	55 ✓
	Milk 15 Tapioca				40 ✓
21	W H Assoc.			3 ✓	
	Carfare .15				15 ✓
22	Prov. .90 Meat .30			1	20 ✓
23	Prov. Milk 1.20			2	20 ✓
	Cash Mother	1	20		
	Meat				30 ✓
25	Meat .25 Oranges .20				45 ✓
26	Prov. 2.60 Carfare 05			2	65 ✓
27	Meat .40 - Carfare .40				80
26	Int. on note			10 ✓	
	Mending trunk			2 ✓	
	Washing 2 W.C.T.U. 1.			3 ✓	
28	Car-fare etc				90 ✓
	Dinners			1	50 ✓
		147	10	125	3

CASH ACCOUNT.

Date.		Received.		Paid.	
Nov.	On hand	27	80		
1	Drugs .15 Carfare .75				90
	Prov. 60				60
	Cash - Mother	2			
	" Med. Acct.	5			
	" Mrs. Adair	1			
2	Bread .50 - Prov. 1.05			1	55
	Carfare. Milk 1.25			1	25
	Cash. Mrs. Pettingell		75		
3	Car-fare				70
4	Barber .25 - Drugs 3.20			3	45
	Car-fare .20				20
	Cash - Med Acct	1			
5	Carfare .20 - Butter .55				75
	Rent.			32	50
	Carfare 40				40
	Needles .25				25
	Cash - Mother		35		
	Cash - Med. Acct	10			
	Meat .20 - Drugs .35				55
	Carfare .10 Yarn .10				20
6	Prov. 2.70 Prov. 1.40			4	10
	Fare 3.30 Carfare .10			3	40
199		42	90	50	20

CASH ACCOUNT.

Date.		Received.		Paid.	
	Forward	42	90	50	20
9	Carfare .20				20
	Polltax 2. Milk 1.20			3	20
10	Church 1. Carfare .10			1	10
11	Car-fare .20 Sundries .33				53
12	Car-fare .15 Ad. 3.			3	15
	Car-fare .30 Transfer .50				80
12	Cash Mother	150.			
	Paper .60 Prov 2.50			3	10
	Rep. shoes				40
	Cash. Med. Acct.	5			
	" " "	1			
	~~Sundries~~				
~~Mar. 13~~	~~Error~~	~~14~~	~~78~~		
14	Prov. .30 Carfare .05				35
	Church .25				25
15	Prov.				45
16	Prov. 1. Meat .40 Ch. .10			1.	50
	Prem. Ashes				15
	Grinding Knife				15
	Bee.			1	70
	Church .40 Prov. .50 Carfare .20				8
200	Children	198	90		4
		213	68	67	3

CASH ACCOUNT.

Date.		Received.		Paid.	
	Forward	~~243~~ 298	~~48~~ 90	67	~~38~~
18	Med. Acct.	2			
	Car-fare .10 Milk 1.20			1	30
	Cash. Med. Acct	40			
19	Car fare .20 - Prov. 1.80			2	
	Hair-cut .35				35
20	Drugs .80 Prov. .30			1	10
	Prov. 1.			1	
23	Car-fare .10 Bath .25				35
	Meat .45 Milk .90			1	35
24.	Church .35 Prov. 1.			1	35
25.	Carfare .10 Washing 1.			1	10
26	Meat .60 Car-fare .05				65
27	Coal 3.50 Prov. 1.90			5	40
28	Prov. .30 Church .10				45
	Oranges 2.25 Car-fare .10			2	35
	Drugs .90 - Car-fare .05				95
28	Lecture				50
29	Drugs .25 Coffee .40				65
30	Prov. .45 Car-fare .05				50
	Milk 1.05 - Car-fare .05			1	10
31	Car-fare .05 Church .10				15
	Bread .10				10
201		240	90	90	08

Date.		Received.		Paid.	
March	Forward	240	90	90	08
	Barber				25
		240	90	90	33
April 1	On Hand	165	35		
	Error			13	68
	Car-fare .05 Ticket				55
	Prov. .40				40
2	Car-fare .15 Washing 1.			1	15
3	Bath .50 Car-fare .25				75
4	Flour 1.35 Butter .45			1	80
	Rolled Oats .50 - Milk .30				80
	Children .30 Mrs. Horner 3.75			4	05
	C. Flannel 1.20 Hat .25			1	45
5	Prov. .25 Rent 32.50			32	75
	Car-fare .05 Drugs .25				30
	Med. dues			6	
6.	Car-fare .05 Exp. Mrs. H. .25				30
	Prov. .35 Milk 1.05			1	40
	Car-fare .10				10
7	" " .15 Church .10				25
8	Meat .35 Washing 1.			1	35
	Directory .10 Stamps .05				15
		165	35	67	23

CASH ACCOUNT.

Date.		Received.		Paid.	
April 8	Forward	165	35	67	23 ✓
9	Prov. .10 Reader .20				30 ✓
	Patternoke.			3	60 ✓
	Car-fare ✓				20 ✓
10	Prov.			3	95 ✓
11	Car-fare .15 Church .10				25 ✓
12	Prov. .15 Carfare .15				30 ✓
13	Prov. .95 " " .20			1	15 ✓
14	Church .10 " " .20				30 ✓
15	Washing 1. " " .10			1	10 ✓
	Meat .25 Milk 1.05			1	30 ✓
16	Car-fare				15 ✓
17	" " .35 Exch. .15				50 ✓
	Cash. E. M. M.	15			
18	Church .10 Car-fare .10				20 ✓
	Prov. .25 Stamps .50				75 ✓
	Stationery .70				70 ✓
	Bible.			1	65 ✓
				16	40
	Cash. Med. Acct.	17	50 ✓		
	" " "	2	50 ✓		✓
19	Prov. .90 Church .10			1	
	Soap				65 ✓
		200	35	85	28

CASH ACCOUNT.

Date.		Received.		Paid.	
April 19	Forward-	200	35	85	28
	Cash. Med. Acct.	6			
20	Prov. .25 Carfare .05				30
	Children .25 Prov. .25				50
	Gloves .40				40
21	Church			1	70
22	Prov. .35 Carfare .30				65
23	W.C.T.U. .60 festival 1.			1	60
	Carfare .05 Prov. .55				60
24	Washing			1	
25	Potatoes .10 Prov. 1.35			1	45
	Car-fare .10 Shoe M. 1.75			1	85
26	Children				20
	Car-fare .20 Prov .30				50
27	Prov. .60 Milk 1.05			1	65
	Drugs .10 Carfare .05				15
28	Church				35
29	Prov .30 Washing 1.50			1	80
	Potatoes				30
30	Drugs .25 Prov .25				50
		206	35	100	78
	Balance			105	57
				206	35

CASH ACCOUNT.

Date.		Received.		Paid.	
May 1.	Bal. On hand –	105	57		
	Error –	7	64		
	Prov. 1.80 Oil 2.40			4	20 ✓
	Charity				20
	Paper –				50 ✓
2.	Prov. .10				10 ✓
3.	Prov .65 Coal 3.50			4	15 ✓
	Med. Acct. Daggett.			10	✓
	Rep. shoes				65 ✓
	Cash – Med Acct	2	50 ✓		
4	Prov. .15 Rent. 30.			30	15 ✓
	Cash – Med. Acct.	5 ✓			
	Pickles .20 Milk 1.05			1	25 ✓
5	Church				50 ✓
6	Meat .30 Prov. .15				45 ✓
	Cash Med Acct	1 ✓			
	Telegrams				80 ✓
7	Prov .10 Stamps .20				30 ✓
8	Prov. .60				60 ✓
9	Prov. .10 + 1.20			1	30 ✓
	Garters				25 –
	Union				85 ✓
	Cash – Med Acct	2 ✓			
205		123	71	56	25

Date.		Received.		Paid.	
9	Forward	116	07	36	25
	Bernis.-				25
10	Prov.				45
	Gloves .50 Hat .70			1	20
	Mat. for sleeves			1	20
	Cash - Med. Acct	7			
	Miss K.			2	50
	Books. Med.			1	50
11	Prov. 1.20 Milk .05			1	25
	Jewish -				05
	Medicine			2	
	Prov				10
12	Ch. Ch.				.45
13	Med. .25 - Charity .20				.45
	Prov. .15				15
	Cash Med Acct	1			
14	Self .25 Car-fare .05				30
15	Bread .50 Prov .50			1	
	C. J. B. .25 Prov 1.45			1	70
16	Letters .25 Prov 1.			1	25
	Prov. .40 Carfare .10				50
17	Prov .25 Med Soc. 2.00			2	25
18	" 1.10 Trip .60			1	70
		124	07	76	50

CASH ACCOUNT.

Date.		Received.		Paid.	
18	Forward	124	07 ✓	76 ✓	50
	Prov.				20 ✓
	Cash. Med. Acct.	10 ✓			
	Chess Club.			1 ✓	
	Listerine				60 ✓
20	Prov .25 Car-fare .05				30 ✓
	Drugs .40				40 ✓
19	Church				20 ✓
21	Prov .05 - Button holes .15				20 ✓
22	Prov .15 Car fare .05				20 ✓
23	Prov: .35 Repairs .15				50 ✓
24	" .90 Prov .35			1	25 ✓
	Shoes .75				75 ✓
25	Prov. 1.85 Car-fare .10			1	95 ✓
	Cash Med. Acct		95 ✓		
	" Mother	20 ✓			
26	S. S. .05 Flea Powd. .20				25 ✓
27	Milk 2.10 Washing 2.			4	10 ✓
28	Prov .10 - Carfare .15				25 ✓
	Prov. 1.50			1	50 ✓
	Cash. Med Acct	2 ✓			
29	Shoes .65 Fishing .10				75 ✓
	Forward	157	02	90	95

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CASH ACCOUNT.

Date.		Received.		Paid.	
May 30	Forward	157	02	90	95
	Prov.^{40} Tickets^{90}			1	30
	Carfare^{30} –				30
May 31	Prov.$^{.15}$ Prd.$^{.70}$	—			85
				93	40
June 31.	Balance ----			63	62
		157	02	157	02
June 1	Balance Forward,	63	62		
	Billheads$^{3.00}$ Envelopes$^{.25}$			3	25
	Med.$^{.25}$ Prov.$^{.10}$				35
	Rent$^{20.}$ Chairs$^{1.55}$			21	55
	Lecture$^{.10}$ Meat$^{.15}$				25
	Cash. Med. Acct	1	10		
	Car-fare$^{.05}$				05
2	Cloth$^{.30}$ Carfare$^{.10}$				40
3	Univ.$^{.85}$ Shoes$^{.15}$ Catalog$^{.25}$			1	25
	Med. Book -			1	75
1	Cash Med.	2	50		
4	Carfare$^{.40}$ - Soda$^{.05}$				45
	Cash. Med. Acct.	4			
5	Prov.$^{.20}$ - Med. Soc.$^{2.}$			2	20
6	Prov.$^{1.00}$			1	00
7	Coal 3.50 Prov.$^{.25}$ Rent - 5.			8	75
8	Prov.$^{.15}$ Meat$^{.60}$				75
		71	22	42	00

CASH ACCOUNT.

Date.		Received.		Paid.	
	Forward	71	22	42	
	Journals			11	10
8	Shoes^{50} W.C.T.U.^{25}				75
	Cash Med. Acct	5			
9	Church + S.S.				25
10	Cash Med Acct	2	50		
	Milk$^{2.10}$ – Washing			3	10
	Cash Med. Acct	6			
11	Prov.$^{3.95}$ – Cherries$^{.75}$			4	70
	Car fare^{05}				05
12	Lumber$^{.75}$ Stockings$^{.50}$			1	25
	Shirts$^{.20}$ – Prov.$^{.05}$				25
	Cash Med. Acct.	2			
14	Car &c.$^{1.60}$ Prov$^{.10}$			1	70
15	Prov$^{.35}$ – Postage$^{.10}$				45
	Milk$^{1.05}$			1	05
16	Church + S.S.				30
17	Meat$^{.50}$ – Chess Club$^{1.}$			1	50
	Bread$^{1.}$ Washing			2	
18	Prov$^{.35}$ Car fare$^{.40}$				75
19	Prov.$^{.40}$ Medicines$^{.40}$				80
	Paper$^{.50}$				50
	Cash Med. Acct		75	77	50
		87	47		

CASH ACCOUNT.

Date.		Received.		Paid.	
	Forward – – –	87	47	72	50
20	Stockings$^{.20.25}$				45
	Shoes$^{1.75}$ – Ribbn$^{.15}$			1	90
	Provs:$^{.05}$				05
21	" $^{.40}$ Meat$^{.40}$				80
	Ribbn$^{.20}$ – Gloves$^{.25}$				45
	Cash Med Acct	5			
	Shoes$^{.25}$ Carfare$^{.10}$				35
23	S.S. & Church				45
24	Car-fare$^{.05}$ Papers$^{.05}$				10
25	Provs.$^{1.40}$ – Provs$^{.10}$			1	50
	Cash Med. Acct	1			
27	Provs$^{.20}$ – Carfare$^{.20}$				40
28	Meat$^{.55}$				55
29	Provs$^{.25}$ – Berries$^{.50}$				75
30	Church.				70
	Milk.			1	05
		93	47	81	6
				11	8
				93	4

CASH ACCOUNT.

Date.		Received.		Paid.	
July 1	Bal.	11	87		
	Prov.$^{.45}$ - Prov.$^{1.65}$			2	10
	Prov.$^{.10}$ - Drugs$^{.25}$				35
4	Fud.^{45} Self.$^{.60}$			1	05
	Washing			2	
	Cash Med. Acct	5			
	" " "	5			
	Check Mother	50			
5	Paper.^{85} Car fare.^{10}				95
6	Prov.$^{.40}$ Drugs$^{.20}$				60
	Cash Med Acct	5			
	" " "	3			
	Nurse K.			2	
	Meat$^{.25}$ Lemons$^{.10}$				35
	Cloth.^{75} Berries^{30}			1	05
7	S.S. Church$^{.45}$ - Carfare$^{.20}$				65
8	Prov.			2	35
9	W.C.T.U.$^{.10}$ Berries$^{.25}$				35
	Cash Med Acct.		25		
10	Prov.$^{.20}$ Med$^{.40}$				60
	Carfare$^{.05}$				05
11	Car fare$^{.05}$ Prov.$^{.35}$				40
	Cash Med. Acct.	2			
211		82	12	14	85

CASH ACCOUNT.

Date.		Received.		Paid.	
July 11	Forward	82	12	14	80
	Rent			25	
	Drugs .70 Pail .10				80
12	Cash - Med. Acct	5			
	Washing			1	
	Prov. .45 Trimming .40				85
13	Miss K. .10 Drugs .70				80
	Coal 3.00 -			3	50
14	S.S. & Church				45
15	Prov. 1.40 - Fruit .40			1	80
	Milk 1.05 Class 1.00			2	00
16	C.J.B. .35 Prov. .30				6
17	Drugs 1.60 - Stockings .50			2	10
	Cash Med. Acct.	28	50		
	Bernis .25 - Drawing .45				70
18	Prov. .55 - Drug .15				70
19	Prov. 2.20 - Fruit &c.			2	50
20	Carfare .10				10
	Cash Med. Acct		25		
21	Church & S.S.				35
22	Prov. .15 Carfare .05				20
	Washing 1.75			1	70
23	Prov. .35 - Bread 1			1	35
		115	87	59	5

Date.		Received.		Paid.	
July	Forward	115	81	59	50
22	Cash Med.	7	50		
24	Silk tie .15 Lining .40				55
	Buttons .22 Lace .80			1	02
	Shields .25 Bones .20				45
	Stockings .13 W.C.T.U. .55				68
	Hat .25 Lace &c. 1.05			1	30
	Prov .15 Beans .20				40
	Car-fare				05
25	Church .75 Carfare .05				80
	Garbage .15 Prov 1.60			1	75
	Prov .15 Hat .50				65
27	Prov .20 Tickets 1.50			1	70
	Prov .35				35
28	Church				30
29	Prov .10 Fine .20				30
	Washing 1.			1	
30	Dress 1.05 Handkerchief .10			1	15
	Charity .05 Prov .10				15
31	Inhaler .50 Postage .50			1	
	Cash Med Acct.	5	.		
	Carfare .10 Dress 3.25			3	40
	Milk 1.05 Butter .40			1	45
213		128	37	77	95

CASH ACCOUNT.

Date.		Received.		Paid.	
	Forward.	128	37	77	95
	Tickets				75
	Profit & Loss			7	51
	Balance			42	16
		128	37	128	37
Aug 1	On Hand	42	16		
	Prov .10 Rent 25.			25	10
	Car-fare .10 Prov .15				25
	Shoe-strings .10 Umm .85				95
2	Prov. 2.35			2	35
3	Prov .20 Milk 1.05			1	25
	Car-fare .10 Paper .25				35
	Cash Med. Acct	2			
	Prov .20				20
4	Church & S.S.				40
5	Bread 1.00 Washing 1.00			2	
	Knife Grinder .20				20
	Prov .35 Medlin .20				55
6	Prov. .60				60
7	" .15 - Soup .30				35
	Cash Med. Acct.	25			
	" " "		25		
8	Hats .70 Car-fare .10				80
		69	41	35	

CASH ACCOUNT.

Date.		Received.		Paid.	
	Forward	69	41	35	46
	Prov .20				20
9	Meat .15 - Prov .05				20
	Cash Med Acct	2			
10	Prov .15 - Fruit .35				50
	Butter .50 Nightdress 1.10			1	60
	Gloves .50 - Drugs .05				55
11	S.S. + Church.				35
	Drugs .35				35
12	Cash Med. Acct	2			
	Milk 1.05 - Washing 1.			2	05
13	Cream Tartar .25				25
	Drugs 1.15			1	15
14	Prov .60 Carfare .10				70
15	Prov. 1.40 Milk 1			2	40
	Lemons .10 Coconuts .50				60
	Carfare .10				10
16	Coal 3.50 Prov .35			3	85
	Car-fare .10 - Telegram .25				35
	Prov 1.85			1	85
17	Cash Med Acct	25			
	Prov .25 Car fare .10 - Elastic .10				45
	Barber .15 - Milk 1.05			1	20
2/5		98	41	54	[illegible]

CASH ACCOUNT.

Date.		Received.		Paid.	
17	Forward	98	41	54	16
	Drugs - Blank Bk.			1	40
	Candy				20
18	Ch & Sundays				65
	Carfare				10
19	" .05 Cotton .10				15
	Drugs .20 Prov. .25				45
	Washing 1.00			1	
20	Char .20 Prov .15				35
	Carfare .10 - Prov. .10				20
21	Car-fare 20 - Drugs .60				80
	Prov. .15 - Prov 1.			1	15
22	Car-fare 40 Meat .15				55
	Prov 1.30 Wafers .10			1	40
23	Prov. .85 - Fruit .35			1	25
	Drugs .05				05
25	S.S. & Church				40
	Car-fare 30				30
26	Drugs .50 Postage 50			1	
	Cash Med Acct	2			
	Slate 15 Prov 75				90
	Carfare .40 Drugs 40				80
		100	41	67	29

Date.		Received.		Paid.	
27	Forward	100	41	67	29
	Dress 5.05 Car fare .20			5	25
28	Cash Med. Acct.	3			
	Milk 1.05 fruit .25			1	30
	Washing 1. Car fare .10			1	10
29	Cash – Med. Acct.	3			
	" " "	2			
30	Car fare .10 Prot. 2.45			2	55
	Drugs .05 – Roberts School 2.			2	05
	Chess Club.			1	
	Battery 1. Shirts 1.60			2	60
	Collar .15 Buttons .05				20
	Meat .15				15
31	Car-fare .20 Fruit .35				55
	Butter .60 – Drawers 1.30			1	90
				6 3	94
	Profit + Loss			1	45
	Balance			21	02
		108	41	108	41

CASH ACCOUNT.

Date.		Received.		Paid.	
Sept.	Forward	21	02		
1	Cash Med. Acct	1			
	Carfare .10 - Church 17 55				27
2	Washing 1 Bread 1			2	
	Insurance 6.50 Prov. 85			7	35
	Cash. Med. Acct.	5			
	Car-fare .25				25
	Cash Med. Acct	1			
3	Meat .20 [illegible] .80			1	
x	Milk 1.05			1	05
4	Prov. 45 Carfare .10				55
	Cash Med. Acct	10			
	Rent 10 Drugs .50			10	50
5	Prov. 35 Car-fare .10				45
6	Prov. 90 - Insurance 3.50			4	40
	Cash Med. Acct	2	50		
	Ribbon .05 Blacking .10				15
	Postage .15				15
7	Carfare .10 - Thread .10				20
	Prov. .25				2
8	S.S. & Church.				1
	Car-fare .15				15
9	Car-fare .35 Meat 15				5
		40	52	29	3

CASH ACCOUNT.

Date.		Received.		Paid.	
X9	Forward	40	52	29	37
	Cash Med Acct	3			
	" " "	2	75		
10	Milk 1.05 - Washing 1.			2	05
	Prov .20 Drugs 40				60
11	Carfare				25
12	Drugs 1.50 - Car-fare 10			1	60
	Prov.			1	75
	Cash. Med. Acct	2			
	" Insurance	3			
	Insurance			3	75
x 13	Crayon 1.10 Prov 1.00			2	10
14	Prov .10 Shade 25				35
	Hat 3.50 Carfare 15			3	65
	Cash Med Acct	5			
16	Wash 1.25 Milk 1.05			2	30
	Carfare 10 Pepper 10				20
	Prov 05 Ammon Sig 1.00			1	05
	Med. Acct Ins	1			
	" "	2			
17	Carfare 05 Prov 25 Drugs 30				60
19	Coal 3.50			3	50
	W.C.T.U.				25
219		59	27	53	37

CASH ACCOUNT.

Date.		Received.		Paid.	
20	Forward	59	27	53	37
20	Candy etc. .65				65
	Car-fare .10				10
21	Coal-oil 2.25			2	25
	Rent. 15.			15	
	Bank, N. Prot.	65.	15		
23	Paper .50				50
	Cash Med. Acct	1			
X 3	" " "	2			
X 13	" " "	2			
24	Car-fare .05 Drugs .20				25
	Prov 3.35			3	35
25	Prov 1.15 Dressmaker 5.25			6	40
24	Cash Med. Acct	2			
25	" " "	1			
	Milk 1.05 – Car-fare .05			1	10
26	Meat .15 Car-fare .05				20
	Drugs 1.50 Shell .75			2	25
28	Hair .40 – Meat .15				55
	Cash Med. Acct.	2	75		
29	" " "	6			
30	Prov. 2.00 Blacking .05			2	05
	Profit & Loss			5	
	Bal			48	15
220		141	17	14	17

CASH ACCOUNT.

Date.		Received.		Paid.	
Oct. 1	Forward	48	15		
	Prov.^{30} Milk$^{1.05}$			1	35
2	Cash Med. Acct	17			
	" " "	3		–	
	Rent. Prov.^{65}			25	65
1	Cash. Med. Acct	2			
1	Washing^{2} Paper &c.^{40}			2	40
3	Prov.$^{1.55}$ – Buttons$^{.20}$			1	75
	Tricycle$^{2.25}$ – Postage^{40}			2	65
	Cash Med. Acct.	1			
4	" " "	2			
	" " "	52	50		
	Garbage$^{.15}$ Prov. Paper$^{.35}$				50
5	Daggett$^{6.40}$ Shirts$^{.90}$			7	30
	Postage$^{.20}$ – Butter^{55}				75
	Mrs K.			5	
	Drugs. Kenilworth			5	95
6	Washing$^{.75}$ Drugs$^{.50}$			1	25
8	Charity$^{.75}$ Prov^{15}				90
	Washing$^{1.}$ Prov^{60}			1	60
	Cash Med. Acct	2	50		
9	Prov.^{30} Drugs^{55}				85
10	" $^{.20}$ Univie$^{.85}$			1	05
221		128	15	54	85

CASH ACCOUNT.

Date.		Received.		Paid.	
	forward	128	15	58	95
11	Drugs .75 - Prov. 2.10			2	85
	HKfs. .25 Worsted .15				40
12	Cash Med. Acct.	4			
	" " "	5			
	Prov. .45 Meat .30				95
	Ball Game				50
14	Matting .75 Car fare .10				80
	Prov. .05 Insurance 3.75			3	80
15	Milk 1.05 - Prov. .40			1	45
	Car fare .10				10
16	Drugs .50 - Meat .35				85
	Kindergarten 2. - Prov .85			2	85
18	Cash Med. Acct.	2			
19	Car fare .05				05
20	S. S. .10 - Washing 1.			1	10
21	Cash Med Acct	3			
	Prov. .35 Milk 1.05			1	40
	Shoes 3.75 Bread 1.			4	75
22	Cash Med. Acct	5			
	Pictures .25 Lamps .25 Shoes .25				75
23	Shoes .85 - Meat .10				95
		147	15	82	50

CASH ACCOUNT.

Date.		Received.		Paid.	
24	Forward	147	15	82	50
	Prov .30 Coal 3.50			3	80
	Soap .25 – Meat .10				35
	Carfare .05 – Drugs .40				45
	Cash Med. Acct	10			
25	Barber .25 Stockings 1.			1	25
26	Car-fare .25				25
27	S School .15				15
28	Prov. 1.65 – Prov 1.75			3	40
29	" .35 – Washing 1.75			2	10
	Cash Med. Acct	1			
	Milk 1.05			1	05
30	Chair-rack 1.75 – Carfare .10			1	85
	Meat .20				20
31	Carfare .10 – Drugs .35				45
	Psto .30				30
	Cash Med Acct	1	80		
	Washing "M"			1	80
	Chews" Postage .50			1	50
	Profit & Loss			5	75
	Balance			52	80
		159	95	159	95

CASH ACCOUNT.

Date.		Received.		Paid.	
Nov 1	Balance	52	80		
	Prov. .40 - Car fare .10				50
2	Laund. 1. Book .40			1	40
	Necktie .25 Buttons .05				30
	Car-fare .05 - Rent 25.			25	05
3	S. School.				15
4	Prov. .10 Milk 1.05			1	15
5	Prov. 1.55 - Washing 1.			2	55
	Carfare .10 - Books .35				45
	Meat.				15
6	Cash Med. Acct	2			
7	" " "	5			
	Car-fare .20				20
8	Meat .30				30
	Cash Med. Acct	2			
	Washing .50 Ribbon 1.00			1	50
	Med. Acct.		50		
9	Prov. .25 - Carfare .10				35
10	S.S. .05 Car-fare .10				15
11	Washing 1. Paper .85			1	85
	Car fare 1. Jewelry .10			1	10
	Meat .15 Library .20				35
		62	30	37	50

EXPENSE FOR ....

Date.		Amount.	
	Forward	62.30	37.50
11	Cash Med Acct.	18.50	
	" " "	2.25	
12	" " "	2.	
	Nuts$^{.10}$ - Prov.$^{1.40}$ Milk$^{1.05}$		2.45
13	Cash Med. Acct. 10. + 2.	12	
	Nuts$^{.10}$		10
14	Prov.$^{1.00}$ - Kindergarten$^{2.}$		3.
	Cash Med. Acct.	19.50	
	Drugs$^{.60}$ Car-fare$^{.05}$		.65
15	Carriage$^{.75}$		75
16	Cash Med. Acct.	6.	
	" " "	2.	
	Milk$^{1.05}$ - Washing$^{1.}$ Meat$^{.25}$		2.30
	Butter		.75
17	Church & S.S.$^{1.05}$ Car-fare$^{1.}$		2.05
	Molly$^{.10}$ - Robert$^{.10}$ Mother$^{.05}$		25
18	Drugs$^{.40}$		40
19	Muslin$^{.15}$ - Bk.$^{.15}$ Steamer$^{.20}$		50
20	Prov.$^{3(21)}$ - Prov.$^{1.50}$ - Pants$^{3.}$ - Dues$^{1.}$		8.50
22	Drugs$^{2.85}$ - Carfare$^{1.}$ - Meat$^{.15}$		4.
23	Registered letter$^{.15}$ Ice$^{.15}$		.30
	Robert$^{.05}$		05
225		124.55	63.55

EXPENSE FOR ....

Date.		Amount.	
.	Forward	124.55	63.55
22	Cash Med. Acct.	5.	
22	" " "	.50	
24	S.S. .10 Carriage .75		.85
25	Molly .10 Milk 1.05		1.15
26	Prov. .30 - Coal 3.50 - Ins. 1.25		5.0
+ 20	Cash Med. Acct.	6.50	
	Ticket 1. Lost .05 Fine .05		1.10
27	Drugs .75 - Prov. 1.10 Glue .15		2.
28	Ticket Miss K.		.50
29	[illegible] .10 - Robert .25 - Molly .15		.50
30	Ticket 1.05 - Rubbers .75 - Lost .20		2.
	Ticket Kindergarten .20 - Turkey 1.60		1.80
	Pails for Patients		1.90
	Profit + Loss		2.95
	Balance		53.25
		136.55	136.5

EXPENSE FOR ....

Date.		Amount.	
	December		
1	Balance On Hand	53.25	
	Washing 2.70 - Molly .10		2.85
	Prov. .95 Meat .25 Fred 2.25		3.45
	Cash Med. Acct.	3.	
3	" " "	10.	
	Prov. 1 - Car fare .10 Rent 22.50		23.60
	Drugs .15 - Matches .15		.30
4	Drugs 1.40 - Horse 5.		6.40
5	Car fare 1.20		1.20
6	Garbage .15 - Apples 1.25		1.40
	Carpets 7.25 Shoes Fred 5.50		12.75
	Mrs. Martell - wash .40 Chairs 4.		4.40
	Cash Med. Acct.	4.40	
	" " "	2.	
7	Sugar 1. Barber .25 Washer .15		1.40
	Drugs .60		60
	Cash Med. Acct.	.75	
8	Church + S.S.		30
9	Washing 1. Prov. 1.25 Robert .10		2.35
10	Milk 1.05 Pencils .05		1.10
	Cash Med. Acct.	2.	
11	Prov. 1. Paper .40		1.40
		75.40	63.50

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EXPENSE FOR ....

Date		Amount.	
~~24~~	~~Forward~~		
	~~Church .10 Carriage .75~~		~~.85~~
~~25~~	~~Molly .10~~		
	December		
12	Forward	75.40	63.50
	Cash Med Acct.	1	
13	Coal-oil 1.15 - Shoes 2. Rep,		3.15
	Cash Med-Acct.	5.45	
	Xmas 2. Washing .45		2.45
14	Prov. .15 - Prov. .55		.70
15	Church & S.S.		.15
16	Molly .60 - Xmas 1.25 - Washing 1.		2.85
	Milk 1.05 - Rings &c. .20		1.25
16	Cash Med. Acct.	25.	
17	" " "	2.	
	Meals 5.		5.
18	Cash Med. Acct.	8.25	
	Meat .25 - Prov 1. Pins .05		1.30
	Kindergarten 2. Brush .05		2.05
	W.C.T.U. .10 - P		.10
19	Prov. .65 Ticket 1.		1.65
20		117.10	84.15

EXPENSE FOR ....

Date.		Amount	
	Forward	117.10	84.15
21	Meat .10 - Xmas .35 Eggs .35		.80
	Drugs .55 Meals 1.70		2.25
	J. F. B. Acct.		10.
22	Church & S.S.		.25
23	Xmas .50 - Prov .70 Bottles .30		1.50
	Drugs 1.90 - Blacking .10 - Meat .25		2.25
	Washing 1. Journals 4.50		5.50
	Barber .45 Drugs .40		95
24	Ins. 2.25 Molly .10		2.35
25	Prov .55 Church .25 - Milk 1.05		1.85
26	Postage .30 - Xmas .90		1.20
27	Prov. 1.75 - Rubber Glue .20		1.95
28	Ticket		1.
	Cash Med. Acct.	60.	
	" " "	5.	
29	Church & S.S.		.35
31	Meat .40 Horse 3.00		3.40
	Milk		1.05
	Cash - Med. Acct.	182.10	120.80
	Profit & Loss	15	1.55
	Balance		74.75
		197.10	197.10
			229

EXPENSE FOR January.

Date		Amount.	
		74.75	
1.	Prov.$^{1.}$ Coal 350		4.50
	Chess$^{1.00}$ Daggett Bal$^{10.}$		11.
	Journals$^{3.50}$ J.F. Brooks$^{3.50}$		7
	Recd. Mother	45.	
	washing$^{1.}$		1
2	Rent.$^{22.50}$		

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EXPENSE FOR ....

Date.		Amount.

EXPENSE FOR ....

Date.		Amount.

EXPENSE FOR ....

Date			Amount.

Drawer.	Favor of.

PAYABLE AND RECEIVABLE.

Time.	Due.		Payable.		Receivable.	

NOTES AND BILLS

Drawer.	Favor of.

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Payable and Receivable.

Time.	Due.	Payable.	Receivable.

NOTES AND BILLS.

Drawer.	Favor of.
Robert	Molly
M-T-W-T-F-S-S-	M-T-W-T-F-S-S.
.01-01-01-01-01.01.01=07	.05-05-0-0-0-0.0=.1
.0-01-01-01-01-01-01=07	.05-0-05-0-05-0-05=
01-01-01-01-01-01-01=07	05-05-05-05-05-0-0=
01-01-01-01-01-01-01 07	.05-.05-05-0-05-05
0-01-01-01-01-01-01=06	0-0-05-05-0-05-05=
05	
01-01-01-01-01-01-01-	05-05-05-05-0-0-05.
	05-0-0-0-

PAYABLE AND RECEIVABLE.

Time.	Due.	Payable.	Receivable.
Noble -	3 50		
Stockton	3 50		
Gummis	3 50		
Mills	3 50		
Le Fevre	3 50		
Davis	3 50		
Brooks			
Baker	3 50	Remit. -	25.05
Rice			
Magee			
✓			

SUMMARY OF NOTES AND BILLS

		Payable.	Receivable
JAN.			
FEB.			
MAR.			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.	Taxes- 100 acres, 1250.00	500 cattle	5000.00
	Improvements,	150	
	8 Horses.	200	
NOV.			
DEC.			

1-22

53.00

119.95
117.55
2.40

182.10
116.
66.10
64.55
1.55

1834/.